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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR
VANDENBERG AFB, CA

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723

FEBRUARY 1990

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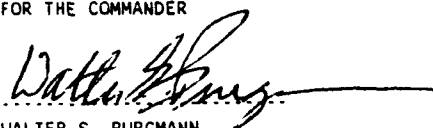
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11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: SEP 79 - AUG 89 (AIRWAYS).

SUMMARY OF DAY DATA: OCT 51 - DEC 52, APR 58 - AUG 73 (FULL TIME).

SUMMARY OF DAY DATA: SEP 73 - AUG 89 (PART TIME - CLOSED MOST WEEKENDS AFTER 7505).

HOURS SUMMARIZED: 00-23 LST (5110-5212, 5804-7308), 08-17 LST (7309-8909).

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

STATION NO. ON SUMMARY 723930	STATION NAME VANDENBERG AFB, CA	LATITUDE N 34 44	LONGITUDE W 120 35	FLD ELEV (FT) 367	CALL SIGN KVBG	WMO NMBR 72393			
STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmb of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Cooke AFB, CA	AFB	Jun 58	Jan 59	N 34 43	W 120 34	368	341	24
2	Vandenberg AFB, CA	Same	Feb 59	Jan 61	Same	Same	Same	Same	24
3	Same	Same	Feb 61	Apr 63	Same	Same	Same	552	24
4	Same	Same	May 63	Aug 73	Same	Same	Same	380	24
5	Same	Same	Sep 73	Dec 75	Same	Same	Same	Same	17
6	Same	Same	Jan 76	Apr 81	Same	Same	Same	Same	10
7	Same	Same	May 81	Dec 87	N 34 44	W 120 33	367	Same	10
8	Same	Same	Jan 88	Jan 89	N 34 43	W 120 34	Same	Same	10

Nmb of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jun 58	In control tower	AN/GMQ-11	N/A	16 ft	
2	Feb 59	200' N of weather station	AN/GMQ-1A	ML204B	15 ft	
3	Mar 59	Atop tower	Same	Same	75 ft	
4	Oct 60	Apch end rwy 30, 3500' fm RQS	AN/GMQ-11	RO-2	13 ft	
5	Mar 66	1.1070'N, 110'E of rwy 30 2.250'S, 860' E of rwy 12	Same	RO-362	Same	
6	Dec 72	1.Same 2.Same	AN/GMQ-20 Same	Same	13 ft 13 ft	
7	Jan 89	1.Same 2.Same	Same Same	Same	Same Same	

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		5.1				5.1	14.0	1.1			20.2	272
09-11	.2	4.5				4.5	10.5	1.2			16.3	645
12-14		4.1				4.1	6.6	1.6			12.2	641
15-17		6.6				6.6	7.3	1.4			15.3	632
18-20												0
21-23												0
ALL HOURS	.0	5.1				5.1	8.9	1.4			15.3	2190

MONTH: FEB

00-02												0
03-05												0
06-08		9.4				9.4	20.8	.4			30.6	255
09-11	.2	5.3				5.3	14.2	1.0			20.6	618
12-14		5.9				5.9	10.0	2.5			18.3	611
15-17	.2	6.7				6.7	9.9	2.8			19.4	598
18-20												0
21-23												0
ALL HOURS	.1	6.4				6.4	12.5	1.9			20.8	2082

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		8.6				8.6	23.8	1.7			34.1	290
09-11	.1	7.1				7.1	13.7	1.3			22.1	687
12-14		5.8			.1	6.0	7.4	1.8			15.2	672
15-17		5.8				5.8	9.9	1.0			16.8	667
18-20												0
21-23												0
ALL HOURS	.0	6.6			.0	6.6	12.0	1.4			20.1	2316

MONTH: APR

00-02												0
03-05												0
06-08		3.4				3.4	33.2	1.1			37.8	349
09-11		2.7				2.7	16.4	2.6			21.6	666
12-14	.2	2.7		.2		2.9	12.6	2.9			18.4	657
15-17		4.0				4.0	14.4	4.1			22.5	582
18-20												0
21-23												0
ALL HOURS	.0	3.1		.0		3.2	17.4	2.8			23.4	2254

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		2.0				2.0	41.3	1.1			44.5	443
09-11		.5				.5	24.0	1.2			25.7	653
12-14		.2				.2	18.8	1.4			20.4	648
15-17							18.0	1.7			19.7	477
18-20												0
21-23												0
ALL HOURS		.6				.6	24.7	1.4			26.6	2221

MONTH: JUN

00-02												0
03-05												0
06-08		2.3				2.3	51.4	1.8			55.4	444
09-11		.4				.4	26.3	.9			27.7	676
12-14							9.8	1.5			11.3	663
15-17	.2	.2				.2	10.0	1.3			11.5	461
18-20												0
21-23												0
ALL HOURS	.0	.6				.6	23.0	1.3			25.0	2244

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		2.8				2.8	68.3	.5			71.5	432
09-11		1.7				1.7	39.3	2.3			43.2	659
12-14		1.1				1.1	17.8	4.0			22.9	651
15-17		.4				.4	18.4	2.9			21.8	445
18-20												0
21-23												0
ALL HOURS		1.5				1.5	34.4	2.6			38.4	2187

MONTH: AUG

00-02												0
03-05												0
06-08		2.4				2.4	70.8	1.3			74.5	463
09-11		.4				.4	39.5	2.0			42.0	696
12-14		.4				.4	12.8	1.8			15.0	682
15-17							14.6	1.9			16.5	479
18-20												0
21-23												0
ALL HOURS		.7				.7	32.8	1.8			35.3	2320

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		57				5.7	49.5	1.4			56.6	440
09-11		1.8				1.8	29.3	1.8			33.0	658
12-14		2.0				2.0	12.6	2.7			17.3	660
15-17		1.4				1.4	17.1	2.5			21.0	486
18-20												0
21-23												0
ALL HOURS		2.5				2.5	25.7	2.1			30.4	2244

MONTH: OCT

00-02												0
03-05												0
06-08		2.7				2.7	39.1	.7			42.5	407
09-11		1.9				1.9	23.9	2.2			27.9	648
12-14		1.1				1.1	13.7	3.5			18.3	651
15-17		1.5				1.5	17.7	3.5			22.8	479
18-20												0
21-23												0
ALL HOURS		1.7				1.7	22.3	2.6			26.6	2185

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		4.3				4.3	19.8				24.1	257
09-11		2.0				2.0	10.4	1.0			13.4	605
12-14	.3	4.3				4.3	8.0	1.3			13.7	599
15-17	.3	4.6				4.6	10.9	2.2			17.7	586
18-20												0
21-23												0
ALL HOURS	.2	3.7				3.7	11.0	1.3			16.1	2047

MONTH: DEC

00-02												0
03-05												0
06-08		4.1				4.1	12.7	.4			17.2	267
09-11		4.1				4.1	9.8				13.9	640
12-14		4.0		.2		4.2	7.5	1.6			13.2	643
15-17		5.6				5.6	8.3	1.7			15.6	629
18-20												0
21-23												0
ALL HOURS		4.5		.0		4.5	9.0	1.0			14.6	2179

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.0	5.1				5.1	8.9	1.4			15.3	2190
FEB	.1	6.4				6.4	12.5	1.9			20.8	2082
MAR	.0	6.6			.0	6.6	12.0	1.4			20.1	2316
APR	.0	3.1		.0		3.2	17.4	2.8			23.4	2254
MAY		.6				.6	24.7	1.4			26.6	2221
JUN	.0	.6				.6	23.0	1.3			25.0	2244
JUL		1.5				1.5	34.4	2.6			38.4	2187
AUG		.7				.7	32.8	1.8			35.3	2320
SEP		2.5				2.5	25.7	2.1			30.4	2244
OCT		1.7				1.7	22.3	2.6			26.6	2185
NOV	.2	3.7				3.7	11.0	1.3			16.1	2047
DEC		4.5		.0		4.5	9.0	1.0			14.6	2179
ANNUAL	.0	3.1		.0	.0	3.1	19.6	1.8			24.5	26469

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5201-5212,5804-8908
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	1.3	26.5		.6	.7	26.5	29.7	7.3			42.9	844
FEB	.9	28.4			.5	28.4	37.6	9.2			50.6	785
MAR	.7	28.5	.1		.7	28.5	38.7	8.3			53.4	869
APR	.3	21.9		.1	.2	21.9	42.5	11.2			54.0	863
MAY	.2	18.5				18.5	57.4	13.5			62.6	852
JUN	.7	22.7				22.7	70.9	14.1			74.4	859
JUL	.5	22.4				22.4	86.6	17.8			87.9	866
AUG	.5	20.5				20.5	85.8	14.6			86.5	883
SEP	1.4	20.3			.1	20.3	68.9	13.5			71.4	837
OCT	.1	16.3				16.3	56.3	15.4			60.4	846
NOV	.9	22.8			.1	22.8	39.5	10.5		.1	49.3	807
DEC	.2	22.0		.4	.5	22.0	31.0	8.2			42.9	841
ANNUAL	.6	22.5	.0	.1	.2	22.5	54.1	12.0		.0	61.6	10152

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02												
03-05												
06-08												
09-11	.2	.2	.1									
12-14				.2							.3	
15-17		.2				.2					.3	
18-20												
21-23												
ALL HOURS	.0	.1	.0	.0		.0					.2	
TOTAL OBS	2190	2082	2316	2254	2221	2244	2187	2320	2244	2185	2047	2179

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 070	071 - 210	211 - 260	261 - 339	NO OF OBS	
TSTMS					100.0		1	
LIQUID PRECIP	7.3		3.6	67.3	8.2	13.6	110	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	13.9		8.8	45.4	8.8	23.2	194	
FOG WITH VIS GE 1/2 MILES	13.9		7.8	47.2	8.3	22.8	180	
TOTAL OBS	152	0	361	681	200	795	0	2189

MONTH: FEB HOURS: ALL

TSTMS				100.0			2	
LIQUID PRECIP	1.5		12.2	67.9	9.2	9.2	131	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	11.2		12.7	31.7	12.4	32.0	259	
FOG WITH VIS GE 1/2 MILES	10.4		12.2	32.6	12.6	32.2	230	
TOTAL OBS	108	0	322	623	173	855	0	2081

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 070	071 - 210	211 - 260	261 - 339	NO OF OBS
TSTMS				100.0			1
LIQUID PRECIP	3.9		8.5	60.1	9.2	18.3	153
FREEZING PRECIP							
FROZEN PRECIP							
FOG	7.9		16.8	26.5	5.0	43.7	279
FOG WITH VIS GE 1/2 MILES	7.3		14.9	29.0	4.4	44.4	248
TOTAL OBS	101	0	350	418	205	1242	0 2316

MONTH: APR HOURS: ALL

TSTMS				100.0			1
LIQUID PRECIP	2.9		20.0	48.6	5.7	22.9	70
FREEZING PRECIP							
FROZEN PRECIP			100.0				1
FOG	13.3		13.8	8.9	8.3	55.7	384
FOG WITH VIS GE 1/2 MILES	12.4		13.0	7.4	8.3	59.0	339
TOTAL OBS	110	0	280	263	169	1432	0 2254

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 070	071 - 210	211 - 260	261 - 339	NO OF OBS
TSTMS							
LIQUID PRECIP	38.5		7.7	7.7	7.7	38.5	13
FREEZING PRECIP							
FROZEN PRECIP							
FOG	14.2		8.8	3.9	14.9	58.3	544
FOG WITH VIS GE 1/2 MILES	12.3		9.2	3.7	14.3	60.5	488
TOTAL OBS	114	0	232	63	193	1619	0 2221

MONTH: JUN HOURS: ALL

TSTMS					100.0		1
LIQUID PRECIP	15.4		15.4	7.7	15.4	46.2	13
FREEZING PRECIP							
FROZEN PRECIP							
FOG	12.8		11.6	5.2	12.8	57.6	517
FOG WITH VIS GE 1/2 MILES	10.9		12.3	4.4	12.5	60.0	457
TOTAL OBS	106	0	164	81	267	1625	0 2243

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 070	071 - 210	211 - 260	261 - 339	NO OF OBS	
TSTMS								
LIQUID PRECIP	37.5		25.0	3.1	6.3	28.1	32	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	21.8		9.2	2.8	11.0	55.2	752	
FOG WITH VIS GE 1/2 MILES	19.1		8.3	2.2	11.6	58.9	649	
TOTAL OBS	216	0	135	39	232	1565	0	2187

MONTH: AUG HOURS: ALL

TSTMS								
LIQUID PRECIP	41.2		5.9	5.9		47.1	17	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	21.7		13.4	5.1	6.1	53.7	760	
FOG WITH VIS GE 1/2 MILES	18.5		13.3	5.2	6.7	56.3	639	
TOTAL OBS	227	0	176	58	210	1647	0	2318

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 070	071 - 210	211 - 260	261 - 339	NO OF OBS
TSTMS							
LIQUID PRECIP	10.5		10.5	38.6	14.0	26.3	57
FREEZING PRECIP							
FROZEN PRECIP							
FOG	19.7		12.0	8.0	7.5	52.8	574
FOG WITH VIS GE 1/2 MILES	17.0		11.3	6.0	7.9	57.9	470
TOTAL OBS	206	0	145	173	278	1441	0 2243

MONTH: OCT HOURS: ALL

TSTMS							
LIQUID PRECIP	10.8		8.1	40.5	16.2	24.3	37
FREEZING PRECIP							
FROZEN PRECIP							
FOG	21.6		10.8	10.6	12.4	44.6	482
FOG WITH VIS GE 1/2 MILES	20.3		9.6	10.0	12.4	47.6	418
TOTAL OBS	216	0	244	252	258	1215	0 2185

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 070	071 - 210	211 - 260	261 - 339	NO OF OBS
TSTMS			50.0	25.0		25.0	4
LIQUID PRECIP	4.1		1.4	58.9	11.0	24.7	73
FREEZING PRECIP							
FROZEN PRECIP							
FOG	15.5		11.1	16.8	10.2	46.5	226
FOG WITH VIS GE 1/2 MILES	13.0		9.5	18.5	10.5	48.5	200
TOTAL OBS	162	0	253	442	197	993	2047

MONTH DEC HOURS: ALL

TSTMS							
LIQUID PRECIP	2.0		5.1	70.4	8.2	14.3	98
FREEZING PRECIP							
FROZEN PRECIP				100.0			1
FOG	11.9		14.0	28.5	11.9	33.7	193
FOG WITH VIS GE 1/2 MILES	11.1		12.2	29.4	12.2	35.0	180
TOTAL OBS	162	0	425	675	183	732	2177

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	340 - 070	071 - 210	211 - 260	261 - 339	NO OF OBS
TSTMS			20.0	40.0	30.0	10.0	10
LIQUID PRECIP	7.3		9.2	55.0	9.2	19.3	804
FREEZING PRECIP							
FROZEN PRECIP			50.0	50.0			2
FOG	17.0		11.7	11.2	10.1	50.2	5164
FOG WITH VIS GE 1/2 MILES	14.9		11.0	11.2	10.2	52.6	4498
TOTAL OBS	1880	0	3087	3768	2565	15161	0 26461

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	BBBBBBB
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTTT	BBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPP	AA AA	RRRRRRR	TT	BBBBBBB
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	BBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBB
PP	AA AA	RR RR	TT	BBBBBBB

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PER.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5201-5212,5804-8908
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	68.7	66.3	64.6	72.3	78.0	75.6	75.1	74.7	75.2	80.1	71.5	72.3	72.9
TRACE	6.0	6.3	8.8	8.6	13.4	18.7	20.4	20.1	15.2	10.5	7.4	5.3	11.8
.01	1.8	1.6	2.6	2.8	2.6	2.3	2.0	3.1	4.0	1.4	1.4	2.9	2.4
.02-.05	4.7	4.0	5.0	4.2	3.3	3.1	2.3	1.0	2.6	1.9	4.3	3.8	3.3
.06-.10	3.3	4.5	2.1	3.0	1.3		.2	.7	1.0	1.2	2.8	1.8	1.8
.11-.25	3.9	5.8	6.1	3.4	.7	.5		.3	.7	2.1	3.2	5.3	2.6
.26-.50	5.6	4.8	5.1	2.9	.5				1.0	1.3	4.2	3.7	2.4
.51-1.00	3.3	3.8	3.7	2.0	.1			.1	.1	1.2	3.7	3.8	1.8
1.01-2.50	2.6	2.6	1.8	.7	.1				.2	.2	1.3	.9	.9
2.51-5.00		.2	.2									.2	.1
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	25.3	27.4	26.6	19.1	8.5	5.8	4.6	5.1	9.6	9.3	21.0	22.4	15.3
TOTAL NO. OF OBSERVATIONS	873	806	898	886	879	884	899	914	834	845	833	871	10422

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5201-5212,5804-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
52	5.17	1.23	7.02	.90	TRACE	.03	.01	.03	*	*	2.48	3.77	20.64*
58				3.06*	*	TRACE	.02	.03	.60	TRACE	.11	.18	4.00*
59	1.63	3.37	.02	.18	TRACE	TRACE	TRACE	.01	.41	TRACE	.00	.25	5.87
60	3.43	3.90	.50	1.74	.01	.01	TRACE	.04	.00	1.66	3.36	.84	15.49
61	1.08	.16	.70	.10	.08	.04	.01	TRACE	.01	TRACE	1.39	1.15	4.72
62	2.10	9.21	2.05	.01	.17	TRACE	TRACE	TRACE	TRACE	.44	.01	.53	14.52
63	.89	3.12	3.41	2.56	.36	.04	TRACE	.27	.53	.83	2.58	.16	14.75
64	1.89	.08	2.66	.46	.28	.07	.05	.07	TRACE	1.88	2.32	2.61	12.37
65	1.11	.48	1.66	4.03	.01	TRACE	.03	.01	.05	.03	6.26	2.82	16.49
66	1.18	1.25	.32	.05	.05	.03	.03	.04	.15	.01	2.11	5.47	10.69
67	1.84	.40	2.29	4.61	.36	.32	TRACE	.02	.39	TRACE	2.33	1.39	13.95
68	1.14	1.22	3.68	1.13	.19	.01	TRACE	.07	TRACE	2.55	.94	2.39	13.32
69	9.30	7.73	.60	1.88	.12	.18	.03	.01	.19	.52	1.58	.73	22.87
70	2.02	2.09	1.13	.11	TRACE	.09	.01	TRACE	.03	.18	2.46	3.04	11.16
71	1.11	.24	.93	1.37	.95	.03	.10	.12	.10	.08	.92	3.14	9.09
72	.21	.37	TRACE	.31	.04	.04	.02	TRACE	.02	1.46	5.05	1.46	8.98
73	5.61	5.92	3.46	.05	.18	TRACE	TRACE	TRACE	.18	.58	2.64	1.98	20.60
74	5.59	.24	5.21	1.10	.10	.07	.09	.08	.14	1.26	.14	4.71	18.73
75	.30	2.76	4.02	.71	.17	.02*	.06*	.03*	.04*	.58*	.35*	.21*	9.25*
76	.00*	4.61*	1.69*	1.49*	.01*	.18*	.14*	1.04*	2.28*	.16*	.18*	.38*	12.16*
77	2.27*	.22*	1.44*	.07*	2.67*	.06*	.04*	.05*	.11*	.13*	.25*	5.50*	12.81*
78	5.05*	7.97*	5.69*	2.68*	.02*	.06*	.11*	.00*	1.72*	.00*	1.31*	1.11*	25.72*
79	4.61*	2.92*	2.49*	.25*	.15*	.00*	.00*	TRACE*	TRACE*	.44*	.63*	.14*	11.63*
80	4.80*	4.66*	1.57*	.48*	.14*	TRACE*	.09*	TRACE*	.01*	.00*	.00*	.84*	12.59*
81	4.13*	1.74*	3.94*	.01*	.02*	.00*	.00*	.06*	.01*	.92*	.90*	1.01*	12.74*
82	3.05*	1.48*	4.63*	2.62*	TRACE*	.02*	.02*	.02*	.68*	.76*	4.03*	1.62*	18.93*
83	6.79*	7.15*	6.96*	2.63*	.15*	.05*	.00*	.27*	.28*	1.32*	1.70*	1.10*	28.40*
84	.03*	.42*	.40*	.60*	TRACE*	TRACE*	TRACE*	.09*	TRACE	.47*	2.43*	3.50*	7.94*
85	.83*	1.08*	1.21*	.09	TRACE*	.00*	.02*	TRACE*	.03*	.69*	6.02*	TRACE*	9.97*
86	1.22*	3.40*	4.30*	.31*	.01*	.01*	TRACE*	TRACE	1.14*	.01*	1.49*	1.06*	12.95*
87	2.85*	1.97*	5.11*	.46*	.04*	TRACE*	TRACE*	TRACE*	TRACE*	1.53*	1.20*	3.80*	16.96*
88	.65*	2.00	.12*	2.55*	.27*	.12*	.02*	.01*	.01	.03*	1.17*	3.63*	10.58*
89	.87*	.86*	.73*	.14*	.23*	TRACE*	.02*	TRACE*					2.85*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5201-5212,5804-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.21	.08	TRACE	.01	TRACE	TRACE	TRACE	TRACE	.00	TRACE	.00	.16	4.72
GREATEST	9.30	9.21	7.02	4.61	2.67	.32	.14	1.04	2.28	2.55	6.26	5.50	28.40
MEAN	2.53	2.41	2.20	1.12	.17	.05	.02	.04	.15	.67	2.04	2.03	13.35
MEDIAN	1.74	1.25	1.86	.71	.11	.03	.01	.02	.05	.44	2.22	1.72	13.64
SD	2.395	2.655	1.955	1.345	.227	.080	.030	.065	.193	.802	1.689	1.578	4.972
TOTAL OBS	873	806	898	886	879	884	99	914	834	845	833	871	10422

THE GREATEST VALUE OF 9.30 OCCURRED ON 01/69

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5201-5212,5804-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
52	1.49	.36	3.22	.37	TRACE	.02	.01	.01	*	*	1.27	.76	3.22*
58				1.48*	*	TRACE	.02	.01	.37	TRACE	.07	.18	1.48*
59	1.35	1.18	.01	.18	TRACE	TRACE	TRACE	.01	.31	TRACE	.00	.19	1.35
60	.92	1.53	.20	1.16	.01	.01	TRACE	.02	.00	1.49	.92	.73	1.53
61	.61	.08	.35	.09	.06	.04	.01	TRACE	.01	TRACE	.68	.82	.82
62	.89	1.75	.96	.01	.14	TRACE	TRACE	TRACE	TRACE	.27	.01	.50	1.75
63	.47	2.05	1.31	.71	.31	.02	TRACE	.20	.32	.45	.82	.11	2.05
64	1.30	.07	.89	.34	.16	.03	.05	.07	TRACE	.96	.64	.51	1.30
65	.43	.37	.60	1.32	.01	TRACE	.03	.01	.05	.03	1.35	1.26	1.35
66	.98	.31	.30	.03	.02	.02	.01	.01	.09	.01	1.10	3.04	3.04
67	.79	.21	.70	.77	.28	.13	TRACE	.02	.13	TRACE	.71	.63	.79
68	.43	.74	1.59	.65	.13	.01	TRACE	.07	TRACE	1.29	.41	.52	1.59
69	1.60	1.66	.16	1.07	.05	.05	.02	.01	.10	.35	.81	.24	1.66
70	.52	1.45	.68	.05	TRACE	.04	.01	TRACE	.02	.18	1.45	.78	1.45
71	.45	.15	.54	.90	.70	.01	.09	.10	.10	.06	.50	.57	.90
72	.11	.14	TRACE	.26	.03	.03	.02	TRACE	.02	.93	1.34	.63	1.34
73	2.26	1.42	.87	.04	.07	TRACE	TRACE	TRACE	.06	.34	.73	.87	2.26
74	1.46	.11	1.84	.76	.07	.03	.03	.02	.03	.74	.12	2.75	2.75
75	.16	1.04	1.36	.39	.10	.02*	.03*	.01*	.03*	.24*	.35*	.18*	1.36*
76	.00*	2.52*	.73*	.54*	.01*	.18*	.04*	.87*	.99*	.13*	.08*	.38*	2.52*
77	1.33*	.17*	1.04*	.02*	2.15*	.04*	.03*	.03*	.06*	.06*	.24*	1.65*	2.15*
78	1.12*	2.00*	2.21*	.80*	.02*	.03*	.04*	.00*	1.72*	.00*	.60*	.53*	2.21*
79	1.75*	1.03*	.55*	.22*	.12*	.00*	.00*	TRACE*	TRACE*	.30*	.39*	.10*	1.75*
80	1.74*	1.95*	.80*	.20*	.06*	TRACE*	.09*	TRACE*	.01*	.00*	.00*	.57*	1.95*
81	1.14*	.84*	1.61*	.01*	.01*	.00*	.00*	.06*	.01*	.72*	.46*	.41*	1.61*
82	1.06*	.65*	.94*	1.46*	TRACE*	.02*	.02*	.01*	.32*	.52*	1.00*	.76*	1.46*
83	2.47*	3.14*	1.58*	.82*	.12*	.05*	.00*	.21*	.28*	1.00*	.86*	.54*	3.14*
84	.02*	.15*	.40*	.27*	TRACE*	TRACE*	TRACE*	.09*	TRACE	.27*	.90*	1.06*	1.06*
85	.46*	.51*	.36*	.09	TRACE*	.00*	.01*	TRACE*	.02*	.60*	1.80*	TRACE*	1.80*
86	.39*	1.28*	1.63*	.28*	.01*	.01*	TRACE*	TRACE	1.11*	.01*	1.49*	.62*	1.63*
87	1.19*	.72*	2.55*	.35*	.04*	TRACE*	TRACE*	TRACE*	TRACE*	.60*	.46*	.95*	2.55*
88	.44*	1.50	.12*	.79*	.27*	.12*	.01*	.01*	.01	.02*	.54*	1.11*	1.50*
89	.42*	.33*	.39*	.07*	.16*	TRACE*	.02*	TRACE*					.42*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5201-5212, 5804-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	2.47	3.14	3.22	1.48	2.15	.18	.09	.87	1.72	1.49	1.80	3.04	3.22
TOTAL OBS	873	806	898	886	879	884	899	914	834	845	833	871	10422

THE GREATEST VALUE OF 3.22 OCCURRED ON 03/15/52

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5201-5212, 5804-8908
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	99.4	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.8	99.9
TRACE	.3			.1							.1	.2	.1
0.1-0.4													
0.5-1.4	.2												.0
1.5-2.4													
2.5-3.4													
3.5-4.4													
4.5-6.4													
6.5-10.4													
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	.2												.0
TOTAL NO. OF OBSERVATIONS	873	808	900	889	911	886	899	914	836	846	837	872	10471

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5201-5212,5804-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
52	.0	.0	.0	.0	.0	.0	.0	.0	*	*	.0	.0	.0*
58				.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0*
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
76	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
77	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
78	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
79	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
80	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
81	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
82	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
83	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
84	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0*	.0*	TRACE*	TRACE*
85	.0*	.0*	.0*	.0	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.0*	TRACE*
86	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0*	.0*	.0*
87	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
88	.0*	.0	.0*	TRACE*	.0*	.0*	.0*	.0*	.0	.0*	.0*	TRACE*	TRACE*
89	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*					.0*

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5201-5212,5804-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	1.6	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.6
MEAN	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
MEDIAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SD	.377	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.400
TOTAL OBS	873	808	900	889	911	886	899	914	836	846	837	872	10471

THE GREATEST VALUE OF 1.6 OCCURRED ON 01/62

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5201-5212,5804-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
52	.0	.0	.0	.0	.0	.0	.0	.0	*	*	.0	.0	.0*
58				.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0*
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
76	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
77	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
78	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
79	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
80	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
81	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
82	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
83	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
84	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0*	.0*	TRACE*	TRACE*
85	.0*	.0*	.0*	.0	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.0*	TRACE*
86	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0*	.0*	.0*
87	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
88	.0*	.0	.0*	TRACE*	.0*	.0*	.0*	.0*	.0	.0*	.0*	TRACE*	TRACE*
89	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*					.0*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5201-5212,5804-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	.9	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.9
TOTAL OBS	873	808	900	889	911	886	899	914	836	846	837	872	10471

THE GREATEST VALUE OF .9 OCCURRED ON 01/22/62

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5201-5212,5804-8908
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TRACE	.1												.0
1													
2													
3													
4-6													
7-12													
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS													
TOTAL NO. OF OBSERVATIONS	873	808	900	889	911	886	899	914	836	846	837	872	10471

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5201-5212,5804-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
52	0	0	0	0	0	0	0	0	0*	0*	0	0	0*
58				0*	0	0	0	0	0	0	0	0	0*
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0*	0*	0*	0*	0*	0*	0*	0*
76	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
77	0	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
78	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
79	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
80	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
81	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
82	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
83	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
84	0*	0*	0*	0*	0*	0*	0*	0	0	0*	0*	0*	0*
85	0*	0*	0*	0	0*	0*	0*	0*	0*	0*	0*	0*	0*
86	0*	0*	0*	0*	0*	0*	0*	0	0*	0*	0*	0*	0*
87	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
88	0*	0	0*	0*	0*	0*	0*	0*	0	0*	0*	0*	0*
89	0*	0*	0*	0*	0*	0*	0*	0*					0*

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5201-5212,5804-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
TOTAL OBS	873	808	900	889	911	886	899	914	836	846	837	872	10471

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 5201-5212,5804-8908

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
61 - 62	JAN 21	JAN 21		JAN 23	JAN 22	
78 - 79	JAN 30			JAN 31		
84 - 85	DEC 18			DEC 18		
85 - 86	NOV 12			NOV 12		
87 - 88	APR 14			APR 14		
88 - 89	DEC 15			DEC 15		

MEDIAN-DATE

JAN 04

JAN 21

JAN 05

JAN 22

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRR	TT	CC
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 100 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 6305-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
63					NW 31	NNW 28	N 26	NW 25	NNW 22	NNE 24	NW 30	NW 22	NW *31
64	SSW 36	NW 27	ESE 31	NW 32	NW 31	NW 32	NNW 28	NW 22	NW 24	ESE 21	SW 29	ESE 32	SSW 36
65	NNW 32	WNW 32	SE 40	WNW 34	WNW 35	WNW 29	NW 25	NW 23	NW 25	NNW 30	SE 35	SW *31	SE *40
66	SE 33	NW 30	NW 33	WNW 25	NW 20	NNW 30	WNW 23	NW 22	NW 24	NNW 25	ESE 28	SE 34	SE 34
67	SSW 33	NNE 24	NNW 28	NW 29	NNW 27	NW 23	NW *16	WNW 21	NNW 20	NW 28	SE 26	S 28	SSW*33
68	NW 22	SE 22	WNW 26	WNW 36	WNW 28	WNW 26	29/ 24	29/ 28	31/ 32	31/ 28	32/ 31	33/ 33	WNW 36
69	33/ 41	19/ 41	32/ 36	33/ 35	32/ 33	32/ 31	32/ 25	31/ 24	34/ 26	33/ 32	15/ 33	33/ 33	33/ 41
70	13/ 32	17/ 31	33/ 29	32/ 33	32/ 32	32/ 36	32/ 25	32/ 23	33/ 27	32/ 24	28/ 38	13/ 32	28/ 38
71	33/ 29	33/ 35	33/ 33	30/ 32	34/ 26	32/ 20	33/ 28	32/ 29	31/ 30	33/ 32	33/ 25	13/ 39	13/ 39
72	33/ 29	33/ 28	34/ 33	33/ 31	33/ 29	33/ 32	33/ 23	34/ 30	34/ 25	17/ 32	34/ 30	30/ 32	34/ 33
73	13/ 36	16/ 40	33/ 37	33/ 37	36/ 30	35/ 32	34/ 26	33/ 25	33/ 27	33/ 27	16/ 29	31/ 28	16/ 40
74	14/ 34	33/ 32	33/ 25	31/ 31	33/ 27	31/ 20	33/ 24	33/ 21	32/ 19	32/ 36	01/ 26	13/ 35	32/ 36
75	34/ 28	18/ 33	13/ 40	33/ 30	32/ 35	34/*30	33/*25	32/*22	32/*20	33/*29	33/*30	33/*26	13/*40
76	33/*19	33/*25	31/*32	31/*40	32/*24	33/*32	32/*26	32/*29	23/*22	02/*26	02/*20	03/*25	31/*40
77	33/*20	33/*29	33/*32	22/*32	32/*30	32/*24	33/*20	31/*25	34/*28	33/*24	01/*32	15/*44	15/*44
78	26/*38	31/*30	14/*32	32/*24	33/*30	34/*28	32/*25	11/*30	34/*31	33/*17	13/*24	31/*32	26/*38
79	14/*41	14/*30	31/*30	33/*36	33/*33	33/*33	34/*37	35/*32	32/*27	32/*26	10/*44	14/*43	10/*44
80	12/*28	13/*35	32/*37	01/*35	30/*33	33/*32	12/*30	32/*20	09/*33	32/*27	33/*29	10/*40	10/*40
81	29/*48	01/*38	31/*33	33/*28	31/*31	33/*36	24/*19	32/*26	32/*22	01/*26	36/*25	36/*25	29/*48
82	12/*37	36/*30	28/*30	32/*30	32/*25	32/*29	29/*18	31/*20	33/*27	34/*30	31/*52	*	31/*52
83	11/*44	20/*54	16/*36	13/*34	32/*37	29/*32	33/*37	32/*22	31/*22	31/*34	14/*36	35/*25	20/*54
84	36/*34	29/*30	33/*33	32/*39	32/*36	33/*32	32/*24	33/*37	33/ 25	32/*30	13/*37	32/*40	32/*40
85	12/*22	33/*37	32/*37	33/*38	32/*28	32/*24	31/*22	31/*24	31/*23	32/*24	18/*31	11/*32	33/*38
86	12/*35	12/*48	34/*27	32/*30	31/*28	33/*32	31/*20	31/ 20	31/*27	32/*30	02/*33	15/*24	12/*48
87	35/*32	33/*36	09/*35	33/*31	32/*28	32/*27	31/*25	32/*18	31/*26	33/*19	32/*23	12/*44	12/*44
88	31/*45	01/*35	33/*35	32/*33	31/*34	32/*35	31/*31	31/*31	16/ 22	30/*22	36/*32	29/*29	31/*45
89	33/*27	11/*40	32/*42	35/*36	33/*34	32/*28	32/*24	33/*18					32/*42

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6305-8908
MONTH: ALL HOURS: ALL

THE PEAK WIND OF 54 FROM 20/ OCCURRED ON 02/28/83

C - 2 - 1B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 6305-8908
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN MEDIAN		TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	WIND	WIND	
JAN	.0	11.1	36.5	21.7	15.3	9.0	3.6	1.8	1.0	.0	.0	16.8	15.0	668
FEB	.6	8.2	29.6	24.8	19.1	11.6	3.8	1.4	.6	.2	.0	17.8	17.0	632
MAR	.1	3.5	24.4	24.0	23.4	16.2	6.5	1.6	.4	.0	.0	19.5	19.0	693
APR	.0	3.1	26.5	26.3	21.9	15.0	5.4	1.6	.1	.0	.0	18.9	18.0	672
MAY	.0	3.2	35.6	23.7	19.8	11.6	5.4	.7	.0	.0	.0	18.0	17.0	708
JUN	.0	3.5	36.3	26.6	20.1	9.8	3.0	.6	.0	.0	.0	17.5	16.0	691
JUL	.1	5.0	51.7	29.0	9.8	3.5	.6	.3	.0	.0	.0	14.9	14.0	694
AUG	.0	5.7	53.8	26.4	10.2	3.1	.7	.1	.0	.0	.0	14.6	14.0	717
SEP	.3	6.0	51.1	27.1	10.3	4.3	.7	.0	.0	.0	.0	14.9	14.0	667
OCT	.0	9.3	47.7	22.1	13.5	5.7	1.5	.2	.0	.0	.0	15.1	14.0	666
NOV	.2	9.4	35.6	23.1	21.4	6.9	2.5	.6	.2	.2	.0	16.4	15.0	640
DEC	.2	15.9	32.1	21.5	18.1	7.8	2.5	.6	1.2	.0	.0	16.2	15.0	641
ANNUAL	.1	6.9	38.6	24.7	16.9	8.7	3.0	.8	.3	.0	.0	16.7	15.0	8089

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	3.3	1.8		.4							8.9	6.8	6.0
020-040	1.1	3.0										4.1	5.5	5.0
050-070	3.3											3.3	3.1	4.0
(E) 080-100	13.3	12.9	1.1									27.3	5.0	5.0
110-130	10.7	16.6	3.3	.7		.4						31.7	6.5	6.0
140-160	.4	.4				.4						1.1	12.7	8.0
(S) 170-190	.4	.4	.4									1.1	6.3	6.0
200-220	.4	1.1	.4									1.8	7.8	7.0
230-250	.4											.4	4.0	4.0
(W) 260-280	.7		.4									1.1	6.3	4.0
290-310	.7	.7	.4									1.8	5.8	5.0
320-340	1.5	1.5	.7	.4								4.1	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											13.3	////////////////////////////////	
TOTALS	36.2	39.9	8.5	1.1	.4	.8						100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 271

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	4.7	2.0	1.1	.3							11.2	7.9	7.0
020-040	2.8	2.0	.3	.3	.2							5.6	5.9	4.5
050-070	2.8	.8										3.6	3.0	3.0
(E) 080-100	7.3	7.3	.2									14.7	4.6	5.0
110-130	9.3	12.1	2.3	1.6	.2	.3						25.7	6.7	6.0
140-160	2.0	.3	1.1	.5	.3							4.2	8.2	6.0
(S) 170-190	.6	.9	.3	.3	.2							2.3	8.5	8.0
200-220	1.2	1.1										2.3	4.5	4.0
230-250	.8	.8	.2									1.7	5.1	5.0
(W) 260-280	.9	.3	.2	.2								1.6	6.3	4.0
290-310	1.4	3.7	.8	.3								6.2	7.0	7.0
320-340	3.7	3.3	2.8	.9								10.7	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											10.2	////////	
TOTALS	35.9	37.3	10.2	5.2	1.2	.3						100.0	5.8	5.0
TOTAL NUMBER OF OBSERVATIONS 645														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	2.2	1.9	.8	.2							6.2	8.5	8.5
020-040	.6	.3	.3	.3	.2							1.7	9.2	9.0
050-070	.2	.2										.3	4.5	4.5
(E) 080-100	.6	.3	.2									1.1	5.3	4.0
110-130	1.4	2.2	1.9	1.2	.8	.3						7.8	11.1	10.0
140-160	.5	1.4	1.2	.3	.3							3.7	9.	9.0
(S) 170-190	.6	.6	.8									2.0	6.2	6.0
200-220	2.3	1.6	1.1	.2								5.1	6.1	5.0
230-250	4.7	5.5	.3									10.5	5.3	5.0
(W) 260-280	4.2	7.2	.6	.3								12.3	5.9	6.0
290-310	5.0	12.5	4.8	.6	.2							23.1	7.3	6.5
320-340	5.0	8.6	8.3	.8	.3							22.9	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											3.1	////////	
TOTALS	26.3	42.6	21.4	4.5	2.0	.3						100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 641

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.4	2.1									5.9	7.1	8.0
020-040	.5		.6									1.1	7.0	10.0
050-070	.5	.2	.2									.8	5.4	4.0
(E) 080-100		.5	.2									.6	6.8	6.0
110-130	.2	3.2	.8	2.1	.5	.3	.2					7.1	12.4	12.0
140-160	.3	.3	.5	.3	.5	.2						2.1	13.8	13.0
(S) 170-190	.6	.9	.5	.3								2.4	7.8	6.0
200-220	.6	2.2	.9									3.8	7.2	7.0
230-250	2.8	2.4	1.1									6.3	5.9	6.0
(W) 260-280	6.5	3.2	.5	.3								10.4	4.7	4.0
290-310	7.1	12.7	4.3	1.1								25.2	6.7	6.0
320-340	5.9	10.8	9.8	3.0	.2							29.6	8.8	9.0
VARIABLE														
CALM	////////////////////											4.7	////////	
TOTALS	27.4	37.8	21.5	7.1	1.2	.5	.2					100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 632

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	2.8	2.0	.5	.2							7.9	7.7	7.0
020-040	1.3	1.1	.4	.2	.1							3.0	6.5	5.0
050-070	1.4	.3	.0									1.8	3.4	3.0
(E) 080-100	4.0	4.0	.3									8.2	4.8	5.0
110-130	4.5	7.2	1.9	1.5	.4	.3	.0					15.9	8.0	6.0
140-160	.9	.6	.8	.3	.3	.1						3.1	10.1	10.0
(S) 170-190	.6	.8	.5	.2	.0							2.1	7.5	6.5
200-220	1.3	1.6	.6	.0								3.5	6.2	6.0
230-250	2.5	2.5	.5									5.4	5.5	5.0
(W) 260-280	3.5	3.1	.4	.2								7.2	5.4	5.0
290-310	4.0	8.5	2.9	.6	.0							16.1	7.0	6.0
320-340	4.4	6.8	6.2	1.4	.1							18.9	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											6.9	////////////////////////////////	
TOTALS	30.8	39.3	16.5	4.9	1.1	.4						100.0	6.6	6.0
TOTAL NUMBER OF OBSERVATIONS 2189														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	1.0										3.1	3.7	3.0
020-040	2.1											2.1	3.0	3.0
050-070	3.1											3.1	1.7	2.0
(E) 080-100	5.2	2.1	2.1									9.4	5.4	4.0
110-130	2.1	8.3	1.0	2.1								13.5	7.7	6.0
140-160		1.0	1.0									2.1	9.0	9.0
(S) 170-190	1.0		1.0									2.1	6.0	6.0
200-220		8.3	2.1									10.4	8.0	7.5
230-250	1.0	1.0										2.1	5.0	5.0
(W) 260-280	2.1	3.1	1.0									6.2	7.0	6.5
290-310	3.1	9.4	3.1	2.1								17.7	8.4	8.0
320-340	7.3	5.2	2.1	1.0								15.6	6.7	6.0
VARIABLE														
CALM	////////////////////											12.5	////////	
TOTALS	29.1	39.4	13.4	5.2								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 96

OPERATING LOCATION "A"
UAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	2.4	1.6	.4	.4							9.0	6.7	6.0
020-040	2.7	2.0	.8		.4							5.9	6.1	5.0
050-070	3.1	1.2										4.3	3.8	4.0
(E) 080-100	13.7	12.5	.4									26.7	4.9	4.0
110-130	10.2	11.0	3.1	.8	1.2							26.3	6.9	5.0
140-160	.8	.8	1.2									2.7	7.1	8.0
(S) 170-190		1.2	.8	.4								2.4	9.0	8.5
200-220		.4										.4	8.0	8.0
230-250	.8	.8										1.6	5.0	5.0
(W) 260-280	.8		.8									1.6	7.8	7.5
290-310	.8	1.2										2.0	5.0	5.0
320-340	.8	2.7	1.6	.4								5.5	8.7	8.0
VARIABLE														
CALM	////////////////////											11.8	////////	
TOTALS	38.0	36.2	10.3	2.0	2.0							100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 255

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: FEB HOURS: 09-11

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		3.9	3.6	4.2	1.0	.2							12.8	8.1	8.0
020-040		1.8	1.5	.8	.3	.3							4.7	7.5	6.0
050-070		1.8	1.1	.5	.2								3.6	5.9	4.5
(E) 080-100		7.6	6.0	1.0	.2	.3							15.0	5.2	4.0
110-130		6.8	5.7	3.2	1.1	1.3	.2						18.3	8.0	6.0
140-160		.6	2.6	1.0									4.2	7.2	7.5
(S) 170-190		.5	1.1	.8									2.4	7.5	8.0
200-220		.3	.8	.6									1.8	8.2	6.0
230-250		1.5	1.6	.3	.2								3.6	5.6	5.0
(W) 260-280		1.6	1.6	.5	.2	.2							4.0	6.0	5.0
290-310		3.1	3.9	1.6	.5								9.1	6.7	6.0
320-340		2.8	3.4	4.7	1.3								12.1	8.8	9.0
VARIABLE															
CALM		////////////////////////////////////										8.4	////////////////////////////////		
TOTALS		32.3	32.9	19.2	5.0	2.3	.2						100.0	6.6	6.0
TOTAL NUMBER OF OBSERVATIONS 618															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	1.3	1.5	1.3	.7	.2						5.6	11.9	10.5
020-040	.2	.3	.5									1.0	8.3	9.5
050-070	.3		.2			.2						.7	10.3	7.5
(E) 080-100	.5	.7	1.0	.3	.2							2.6	9.5	10.0
110-130	.7	1.3	1.8	1.6	1.5	.2	.2					7.2	13.9	14.0
140-160	.7	2.1	1.6	.5	.3							5.2	9.9	9.0
(S) 170-190	.2	1.0	1.1									2.3	9.4	9.5
200-220	.8	1.6	1.8	.3								4.6	9.0	8.0
230-250	1.5	5.9	1.8									9.2	6.9	6.0
(W) 260-280	2.3	7.7	1.1									11.1	6.0	5.5
290-310	4.1	13.4	7.7	2.1	.5							27.8	8.6	8.0
320-340	2.5	6.2	8.2	3.4	.5							20.8	10.4	10.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	14.5	41.5	28.3	9.5	3.7	.6	.2					100.0	9.1	8.0

TOTAL NUMBER OF OBSERVATIONS 611

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: FEB HOURS: 15-17

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.3	.5	1.3	.8	.2	.2						3.4	12.8	12.0
020-040			.5	.2	.3								1.0	11.0	10.0
050-070		.2	.5		.2								.8	9.0	7.0
(E) 080-100			.7	.8									1.5	8.9	10.0
110-130		.7	2.3	2.0	.7	1.0	.2						6.9	11.6	10.0
140-160		.3	.7	1.3	.5	.7							3.5	12.6	12.0
(S) 170-190		.3	1.0	1.3	.2								2.8	9.6	10.0
200-220		1.2	.7	.7									2.5	6.2	6.0
230-250		2.2	3.2	.8									6.2	5.9	6.0
(W) 260-280		3.9	5.7	.7									10.2	5.8	6.0
290-310		5.2	15.2	5.9	1.2	.3							27.8	7.5	7.0
320-340		3.2	10.4	12.9	3.7	.8							31.0	10.3	10.0
VARIABLE															
CALM		////////////////////////////////////											2.3	////////	
TOTALS		17.5	41.4	27.9	7.6	3.0	.4						100.0	8.7	8.0

TOTAL NUMBER OF OBSERVATIONS 597

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	1.9	2.3	1.0	.3	.1						7.5	9.3	9.0
020-040	.9	.9	.5	.2	.1							2.7	7.6	6.0
050-070	1.1	.6	.2	.1		.0						2.0	6.1	4.0
(E) 080-100	4.1	3.7	.9	.1	.1							8.9	5.7	5.0
110-130	3.7	4.1	2.5	1.1	1.2	.1	.0					12.7	9.2	8.0
140-160	.6	1.7	1.3	.3	.3							4.1	9.5	9.0
(S) 170-190	.3	1.1	1.1	.1								2.5	8.9	9.0
200-220	.7	1.0	.9	.1								2.6	8.0	7.0
230-250	1.6	3.2	.9	.0								5.7	6.3	6.0
(W) 260-280	2.4	4.4	.8	.0	.0							7.6	6.0	6.0
290-310	3.7	9.6	4.4	1.1	.2							19.1	7.8	7.0
320-340	2.5	6.2	7.7	2.5	.4							19.3	10.0	10.0
VARIABLE														
CALM	////////////////////////////////////											5.2	////////	
TOTALS	23.6	38.4	23.5	6.6	2.6	.2						100.0	7.8	7.0

TOTAL NUMBER OF OBSERVATIONS 2081

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	6.3	.6									6.9	3.3	3.0
020-040		.6									.6	50	5.0
050-070	1.9	.6									2.5	3.0	2.0
(E) 080-100	1.9	1.3									3.1	3.8	4.0
110-130	3.1	2.5	.6	1.3	3.1						10.6	11.4	8.0
140-160	1.9	1.9	3.1	.6	.6						8.1	9.5	10.0
(S) 170-190		4.4	4.4	.6							9.4	9.9	10.0
200-220	2.5	2.5	.6								5.6	6.2	6.0
230-250	3.8	1.3	.6								5.6	5.0	4.0
(W) 260-280	2.5	5.6									8.1	5.8	6.0
290-310	1.9	7.5	2.5								11.9	7.3	7.0
320-340	3.8	8.1	3.8								15.6	7.2	7.0
VARIABLE													
CALM	////////////////////////////////////										11.9	////////	
TOTALS	29.6	36.9	15.6	2.5	3.7						100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 160

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	6.2	2.8	.3								13.8	6.5	6.0
020-040	4.8	1.0	1.0		.3							7.2	5.4	3.0
050-070	3.1	.7										3.8	2.9	3.0
(E) 080-100	10.0	7.6	.3	.7								18.6	4.8	4.0
110-130	5.9	5.9	1.7	.3								13.8	5.9	5.0
140-160	.3	1.0	1.4	.3								3.1	9.8	13.0
(S) 170-190	.3											.3	3.0	3.0
200-220	.7											.7	2.5	2.5
230-250	.7											.7	2.5	2.5
(W) 260-280	1.7	.7	.3									2.8	4.5	3.0
290-310	2.1	1.0	.3	.7								4.1	7.4	5.0
320-340	5.5	5.5	5.9	1.0								17.9	7.8	7.5
VARIABLE														
CALM	////////////////////											13.1	////////	
TOTALS	39.6	29.6	13.7	3.3	.3							100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 290

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	3.9	3.8	.9	.4							11.6	8.7	8.0
020-040	.7	.4	.3	.4	.1							2.0	8.8	7.0
050-070	1.2	.1										1.3	3.0	3.0
(E) 080-100	1.2	1.3	.1	.1	.1							2.9	6.4	6.0
110-130	4.2	5.5	.9	1.2								11.8	6.8	6.0
140-160	1.2	1.2	1.0	.7	.1							4.2	8.8	8.0
(S) 170-190	.7	1.3	.4	.3								2.8	7.1	6.0
200-220	.9	1.7	.3									2.9	6.0	6.0
230-250	1.9	1.6	.7									4.2	5.5	5.0
(W) 260-280	3.2	3.1	.6									6.8	4.9	5.0
290-310	2.5	5.4	4.9	.6								13.4	8.2	8.0
320-340	3.9	7.1	12.1	5.7	.3							29.1	10.4	10.0
VARIABLE														
CALM	////////////////////											6.8	////////	
TOTALS	24.2	32.6	25.1	9.9	1.0							100.0	7.7	7.0

TOTAL NUMBER OF OBSERVATIONS 687

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.3	.1	1.2	.3								1.9	10.7	10.0	
020-040															
050-070															
(E) 080-100	.1	.1	.4	.1								.9	11.0	12.5	
110-130	.4	.6	1.5	.1								2.7	9.3	10.0	
140-160	.3	1.2	1.0	.7	.4							3.7	11.3	12.0	
(S) 170-190	.1	1.3	1.2	.7								3.4	10.3	10.0	
200-220	.3	1.9	1.3	.3								3.9	8.7	8.5	
230-250	.9	6.4	1.5									8.8	7.4	8.0	
(W) 260-280	1.3	7.7	.9	.1								10.1	7.1	7.0	
290-310	1.9	10.7	15.2	4.3	.6	.1						32.9	10.6	11.0	
320-340	1.2	4.3	12.4	9.5	3.0	.6						31.0	13.6	14.0	
VARIABLE															
CALM	////////////////////////////////////												.7	////////////////////////////////	
TOTALS	6.8	34.3	36.6	16.1	4.0	.7						100.0	10.7	10.0	

TOTAL NUMBER OF OBSERVATIONS 672

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.9	.4	.6								2.5	9.4	8.0
020-040	.1	.1	.1									.4	6.0	6.0
050-070		.1										.1	6.0	6.0
(E) 080-100	.1		.4	.1								.7	11.8	13.0
110-130	.3	.9	.9	.1	.3							2.5	9.8	10.0
140-160	.4	.3	1.3	.4	.1							2.7	11.4	12.0
(S) 170-190	.1	1.3	1.2	.1	.1							3.0	9.7	9.5
200-220	.6	2.4	.9	.1								4.0	7.8	8.0
230-250	.7	4.3	.7									5.8	6.9	6.0
(W) 260-280	2.1	4.9	.4		.1							7.6	6.4	6.0
290-310	2.1	13.5	8.5	4.6	1.2							30.0	10.2	9.0
320-340	1.2	6.0	13.8	12.0	5.7							38.7	13.9	14.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////	
TOTALS	8.3	34.7	28.6	18.0	7.5							100.0	10.8	10.0
TOTAL NUMBER OF OBSERVATIONS 667														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	2.2	1.9	.6	.1							6.5	8.4	7.5
020-040	.9	.3	.3	.1	.1							1.6	6.7	4.0
050-070	.7	.2										.9	3.1	3.0
(E) 080-100	1.7	1.4	.3	.2	.0							3.7	6.0	5.0
110-130	2.2	2.8	1.2	.5	.1							6.7	7.2	6.0
140-160	.6	.9	1.2	.6	.2							3.5	10.3	12.0
(S) 170-190	.3	1.2	.8	.3	.0							2.7	9.0	8.0
200-220	.6	1.8	.7	.1								3.2	7.5	7.0
230-250	1.1	3.6	.9									5.6	6.8	7.0
(W) 260-280	2.2	4.7	.6	.0	.0							7.5	6.2	6.0
290-310	2.2	8.7	8.4	2.8	.5	.0						22.7	10.0	10.0
320-340	2.5	5.8	11.9	8.0	2.6	.2						31.0	12.4	12.0
VARIABLE														
CALM	////////////////////											4.4	////	////
TOTALS	16.6	33.6	28.2	13.2	3.6	.2						100.0	9.2	9.0
TOTAL NUMBER OF OBSERVATIONS 2316														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	2.2										4.4	4.8	4.5
020-040	.4	.4										.9	4.5	4.5
050-070	.9											.9	1.5	1.5
(E) 080-100	1.3	1.8										3.1	5.1	6.0
110-130	1.8	3.1	3.1	1.3	.4							9.7	10.1	9.5
140-160		.4	.4	1.3								2.2	12.8	15.0
(S) 170-190		.4	.4	.4								1.3	12.3	13.0
200-220	1.8	3.5										5.3	5.5	5.5
230-250	2.7	2.2	.4									5.3	5.5	5.0
(W) 260-280	5.3	5.8	.9									11.9	5.3	6.0
290-310	6.6	13.3	7.1	1.8	.4							29.2	8.0	7.0
320-340	4.4	5.8	6.6	1.8	.9	.4						19.9	9.6	9.0
VARIABLE														
CALM	////////////////////////////////////											5.8	////////////////////////////////	
TOTALS	27.4	38.9	18.9	6.6	1.7	.4						100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 226

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	5.4	2.0	1.1								12.0	7.0	6.0
020-040	3.7	1.7	.6									6.0	4.1	3.0
050-070	2.3	1.7										4.0	3.4	3.0
(E) 080-100	4.6	4.3										8.9	4.3	4.0
110-130	9.2	3.4	1.7									14.3	4.4	3.5
140-160	1.7	.3										2.0	3.6	3.0
(S) 170-190	2.6	.6	.6									3.7	4.2	3.0
200-220	.6	.3										.9	3.0	2.0
230-250	1.1											1.1	2.3	2.5
(W) 260-280	.6	.3										.9	3.3	2.0
290-310	1.4	3.2	1.4									6.0	7.3	7.0
320-340	4.3	9.7	5.7	1.1								20.9	7.9	8.0
VARIABLE														
CALM	////////////////////											19.2	////////	
TOTALS	35.5	30.9	12.0	2.2								100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 349

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: APR HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.0	2.0	2.7	.5	.3							8.4	7.9	8.0
020-040	1.8	.3	.3	.2	.3							2.9	6.5	4.0
050-070	.9											.9	2.0	2.0
(E) 080-100	.9											.9	3.5	4.0
110-130	2.0	1.2	1.5	.8								5.4	8.3	8.0
140-160	1.5	.2	.2									1.8	4.2	3.5
(S) 170-190	.8	1.8	.6	.2								3.3	6.8	6.5
200-220	.9	1.2	.2									2.3	5.4	6.0
230-250	3.3	2.3	.3									5.9	4.9	4.0
(W) 260-280	3.8	6.3	.3									10.4	5.4	6.0
290-310	3.8	7.7	7.8	1.7								20.9	8.7	9.0
320-340	4.2	8.6	13.5	5.0	.3							31.5	10.0	10.0
VARIABLE														
CALM	////////////////////////////////////											5.6	////////	
TOTALS	26.9	31.6	27.4	8.4	.9							100.0	7.6	8.0
TOTAL NUMBER OF OBSERVATIONS 666														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.2	.2	.3	.2							.9	13.8	14.5
020-040				.2	.3							.5	19.0	20.0
050-070														
(E) 080-100			.3									.3	12.0	12.0
110-130			.8	.6	.3							1.7	15.2	15.0
140-160	.2	.5	.3									.9	8.7	8.0
(S) 170-190		1.1	1.2									2.3	9.6	10.0
200-220	.5	2.1	.6	.2								3.3	7.6	7.0
230-250	.9	4.1	1.1									6.1	6.9	6.0
(W) 260-280	.6	12.8	2.0									15.4	7.3	7.0
290-310	1.8	14.5	17.2	6.7	.6							40.8	10.7	10.0
320-340	.6	5.9	9.3	7.8	3.7	.2						27.4	13.5	14.0
VARIABLE														
CALM	////////////////////////////////////											.5	////////	
TOTALS	4.8	41.2	33.0	15.8	5.1	.2						100.0	10.6	10.0

TOTAL NUMBER OF OBSERVATIONS 657

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: APR HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	.9	.5	.3	.2							2.1	10.7	9.5
020-040	.2	.2	.2									.5	6.3	6.0
050-070	.2											.2	4.0	4.0
(E) 080-100		.2										.2	8.0	8.0
110-130		.3	.7	.3								1.4	11.5	10.5
140-160		.5	.3									.9	9.4	8.0
(S) 170-190		.9	.7									1.5	9.1	8.0
200-220	.2	.3	1.0									1.5	9.7	10.0
230-250	.7	2.1	1.2									4.0	7.5	8.0
(W) 260-280	3.3	8.1	1.0	.2								12.5	6.1	6.0
290-310	2.6	13.2	14.4	6.0	.5							36.8	10.3	10.0
320-340	1.4	8.8	11.7	10.3	5.0	.9						38.0	13.4	14.0
VARIABLE														
CALM	////////////////////////////////////											.5	////////////////////////////////	
TOTALS	8.8	35.5	31.7	17.1	5.7	.9						100.0	10.7	10.0
TOTAL NUMBER OF OBSERVATIONS 582														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.7	1.3	.5	.2							5.1	8.2	7.0
020-040	1.2	.4	.2	.1	.2							2.0	6.2	4.0
050-070	.7	.3										.9	3.0	2.0
(E) 080-100	1.0	.7	.1									1.8	4.7	4.0
110-130	2.0	1.0	1.1	.5	.1							4.7	7.4	6.0
140-160	.8	.4	.2									1.3	5.8	4.0
(S) 170-190	.6	1.2	.8	.0								2.6	7.3	8.0
200-220	.5	1.1	.5	.0								2.2	7.0	6.0
230-250	1.6	2.4	.7									4.7	6.1	6.0
(W) 260-280	2.2	7.7	.9	.0								10.9	6.3	6.0
290-310	2.5	10.4	11.3	4.0	.3							28.5	10.0	10.0
320-340	2.4	8.0	10.6	6.6	2.4	.3						30.3	11.8	12.0
VARIABLE														
CALM	////////////////////											4.9	////////	
TOTALS	17.0	35.3	27.7	11.7	3.2	.3						100.0	8.8	8.0

TOTAL NUMBER OF OBSERVATIONS 2254

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	3.8	1.4									5.1	3.5	3.0
020-040	1.7	.3									2.1	2.7	2.0
050-070	1.0										1.0	1.7	2.0
(E) 080-100	1.4	.3									1.7	2.4	2.0
110-130	1.7	.3									2.1	2.5	2.0
140-160													
(S) 170-190	1.4	.7	.7								2.7	5.0	3.5
200-220	.3										.3	1.0	1.0
230-250	3.1	1.0	.3								4.5	4.2	4.0
(W) 260-280	6.5	6.2	1.0								13.7	5.1	5.0
290-310	8.2	14.7	5.5	1.4							29.8	7.1	7.0
320-340	6.2	14.7	4.8	.7	.3						26.7	7.2	6.0
VARIABLE													
CALM	////////////////////////////////////										10.3	////////	
TOTALS	35.3	39.6	12.3	2.1	.3						100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 292

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	4.5	2.3	.2								10.4	6.3	6.5
020-040	2.5	1.4										3.8	3.9	4.0
050-070	.7											.7	2.3	2.0
(E) 080-100	2.3	.7										2.9	3.5	3.0
110-130	1.8	.5										2.3	3.3	3.0
140-160	1.6											1.6	2.3	2.0
(S) 170-190	.9	.5										1.4	4.2	3.5
200-220	1.6	.5										2.0	2.4	2.0
230-250	2.0		.2									2.3	3.2	2.5
(W) 260-280	2.0	.5										2.5	3.1	3.0
290-310	2.9	6.3	2.5	.2								12.0	7.1	6.0
320-340	7.4	12.4	13.5	4.3	.2							37.9	8.9	9.0
VARIABLE														
CALM	////////////////////											20.3	////////	
TOTALS	29.1	27.3	18.5	4.7	.2							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 443

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	.5	.5	.2								2.0	6.4	5.0
020-040	.3	.5										.8	4.8	5.0
050-070	.5											.5	2.3	2.0
(E) 080-100	.3											.3	2.0	2.0
110-130	.6											.6	2.3	2.0
140-160	.5											.5	1.7	2.0
(S) 170-190	.5	.2	.2									.8	5.6	3.0
200-220	.6	.5	.2									1.2	4.5	4.5
230-250	3.4	4.7	.3									8.4	5.2	5.0
(W) 260-280	4.1	8.0	1.1									13.2	5.7	6.0
290-310	4.0	13.9	13.3	3.5	1.2							36.0	9.6	10.0
320-340	3.1	6.7	12.7	8.0	2.0							32.5	11.9	12.0
VARIABLE														
CALM	////////////////////////////////////											3.4	////////	
TOTALS	18.8	35.0	28.3	11.7	3.2							100.0	8.8	8.0
TOTAL NUMBER OF OBSERVATIONS 653														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.2	.2	.3	.3	.2							1.1	12.1	14.0
020-040	.2											.2	2.0	2.0
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190			.3									.1	13.5	13.5
200-220	.2	.3	.2									.6	7.8	7.0
230-250	1.1	4.8	.8									6.6	6.9	7.0
(W) 260-280	1.5	10.5	3.1	.2								15.3	7.7	8.0
290-310	.5	11.7	17.1	9.3	3.2							44.8	11.8	11.5
320-340		4.8	11.7	8.8	5.4	.3						31.0	14.5	14.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	3.7	35.3	33.5	18.6	8.8	.3						100.0	11.6	11.0
TOTAL NUMBER OF OBSERVATIONS 648														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.2	.4	.2	.4	.2							1.5	11.6	12.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	.2											.2	3.0	3.0
200-220			.4									.4	11.0	11.0
230-250	.6	2.5	.8	.2								4.2	7.5	7.0
(W) 260-280	1.3	7.1	2.5	.4								11.3	7.5	7.0
290-310	2.1	14.7	17.0	8.2	1.7							43.6	11.1	10.5
320-340	.4	6.5	12.4	12.2	6.7	.4						38.6	14.4	14.5
VARIABLE														
CALM	////////////////////////////////////										.2	////////////////////////////////		
TOTALS	4.8	31.2	33.3	21.4	8.6	.4						100.0	11.8	12.0
TOTAL NUMBER OF OBSERVATIONS 477														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.2	.7	.3	.1							3.3	7.4	7.0
020-040	.6	.4										1.0	4.0	4.0
050-070	.3											.3	2.3	2.0
(E) 080-100	.5	.1										.7	3.3	3.0
110-130	.5	.1										.6	3.0	3.0
140-160	.5											.5	2.1	2.0
(S) 170-190	.4	.1	.1									.6	5.9	3.5
200-220	.5	.3	.2									1.0	4.8	4.0
230-250	1.8	3.3	.5	.0								5.8	6.0	6.0
(W) 260-280	2.3	7.0	1.8	.1								11.3	6.8	6.0
290-310	2.3	12.8	13.1	5.5	1.7							35.4	10.6	10.0
320-340	2.5	7.2	12.5	8.4	3.6	.2						34.4	12.5	12.0
VARIABLE														
CALM	////////////////////////////////////											5.1	////////	
TOTALS	13.2	32.5	28.9	14.3	5.4	.2						100.0	9.6	10.0
TOTAL NUMBER OF OBSERVATIONS 2221														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.4	.2	.2								3.2	5.3	5.0
020-040	.7	.2										.9	3.4	3.0
050-070	.4											.4	1.5	1.5
(E) 080-100	.2											.2	3.0	3.0
110-130	.4											.4	1.5	1.5
140-160	.7											.7	2.5	2.0
(S) 170-190	.5											.5	2.3	2.0
200-220	.7											.7	1.3	1.0
230-250	2.3	4.8	.4									7.5	5.6	6.0
(W) 260-280	4.6	9.1	.9	.2								14.8	5.9	6.0
290-310	4.1	20.7	9.1	2.7	.4							36.9	8.4	8.0
320-340	5.3	10.5	6.6	2.1	.2							24.8	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											9.1	////////////////////////////////	
TOTALS	21.3	46.7	17.2	5.2	.6							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 561

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	2.7	1.4									7.9	5.4	5.0
020-040	1.8	.2										2.0	2.7	2.0
050-070	1.4											1.4	2.2	2.0
(E) 080-100	2.0	.7										2.7	3.3	3.0
110-130	2.9	.9										3.8	3.6	3.0
140-160	2.3	.2	.5									2.9	3.9	2.0
(S) 170-190	1.6	.2										1.8	2.5	2.0
200-220	2.5											2.5	2.4	2.0
230-250	3.6	.9										4.5	3.3	3.0
(W) 260-280	2.9	.7										3.6	2.9	3.0
290-310	4.5	7.2	1.6	.2								13.5	6.0	5.0
320-340	7.0	12.8	13.3	2.3								35.4	8.5	9.0
VARIABLE														
CALM	////////////////////											18.0	////////	
TOTALS	36.3	26.5	16.8	2.5								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 444

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.9	.3									1.5	6.8	6.0
020-040	.1											.1	2.0	2.0
050-070	.4											.4	2.7	3.0
(E) 080-100														
110-130	.4		.1									.6	5.0	3.0
140-160	.1	.3	.1	.1								.7	9.2	8.0
(S) 170-190	.6	.3										.9	4.3	3.5
200-220	1.2	.3										1.5	3.2	3.0
230-250	1.9	5.2	.1									7.2	6.0	5.0
(W) 260-280	6.5	10.5	.4									17.5	5.3	5.0
290-310	6.1	12.7	11.5	2.7								33.0	8.6	8.0
320-340	3.0	10.2	12.7	6.7	.3							32.8	10.5	10.0
VARIABLE														
CALM	////////////////////											3.7	////////	
TOTALS	20.6	40.4	25.2	9.5	.3							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 676

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010				.2								.2	15.0	15.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160			.2									.2	10.0	10.0
(S) 170-190			.2									.2	10.0	10.0
200-220			.2									.2	11.0	11.0
230-250	.4	3.3	2.2									5.9	8.0	8.0
(W) 260-280	2.6	11.9	1.3	.2								16.1	6.8	7.0
290-310	.9	18.7	15.4	6.5	.2							41.6	10.2	10.0
320-340		6.3	13.9	12.6	2.4	.2						35.4	13.6	14.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	3.9	40.2	33.4	19.5	2.6	.2						100.0	10.7	10.0

TOTAL NUMBER OF OBSERVATIONS 461

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.8	.8	.4	.0							2.1	6.0	6.0
020-040	.4	.0									.4	2.6	2.0
050-070	.4										.4	2.3	2.0
(E) 080-100	.4	.1									.5	3.3	3.0
110-130	.7	.2	.1	.0							1.0	4.7	3.0
140-160	.5	.1	.2	.0							.9	6.0	4.0
(S) 170-190	.5	.2	.0								.8	3.9	3.0
200-220	.9	.2	.1	.0							1.2	4.1	3.0
230-250	1.4	4.0	1.2								6.6	6.8	7.0
(W) 260-280	3.4	10.8	1.1	.1							15.5	6.4	6.0
290-310	3.2	13.6	11.7	4.7	.1						33.3	9.6	9.0
320-340	2.4	7.8	13.2	8.1	1.0	.0					32.5	11.6	12.0
VARIABLE													
CALM	////////////////////										4.7	////	////
TOTALS	15.0	37.8	28.0	12.9	1.1						100.0	8.8	8.0

TOTAL NUMBER OF OBSERVATIONS 2243

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.0	.5	.1								3.2	5.7	6.0
020-040	.4	.1										.5	3.0	2.5
050-070	.6											.6	2.0	2.0
(E) 080-100	.4											.4	1.7	2.0
110-130	.5											.5	2.8	3.0
140-160	.6		.1									.8	4.0	2.0
(S) 170-190	.9	.4										1.3	3.7	2.5
200-220	1.2	.1										1.3	3.1	2.5
230-250	2.1	3.5	.5									6.1	5.8	6.0
(W) 260-280	5.4	13.0	.3									18.7	5.6	6.0
290-310	5.4	15.6	7.9	2.3								31.2	8.1	8.0
320-340	3.9	11.1	11.1	1.9	.1							28.1	8.9	9.0
VARIABLE														
CALM	////////////////////											7.3	////////	
TOTALS	22.9	44.8	20.4	4.3	.1							100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 776

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	1.9	.2									7.2	3.6	4.0
020-040	.2											.2	2.0	2.0
050-070	.7											.7	2.3	2.0
(E) 080-100	1.6	.2										1.9	3.4	3.0
110-130	2.3	.2										2.5	3.5	4.0
140-160	1.9	.2										2.1	2.9	2.0
(S) 170-190	1.2											1.2	3.2	3.0
200-220	.9	.2										1.2	3.0	2.0
230-250	3.2											3.2	2.5	2.0
(W) 260-280	3.5	.9										4.4	.3	3.0
290-310	7.2	2.8	.2									10.2	3.6	3.0
320-340	13.0	11.1	2.5	.2								26.9	5.1	5.0
VARIABLE														
CALM	////////////////////											38.4	////////	
TOTALS	40.8	17.5	2.9	.2								100.0	2.5	3.0
TOTAL NUMBER OF OBSERVATIONS 432														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.9	.2									1.8	5.3	5.0
020-040														
050-070		.2										.2	5.0	5.0
(E) 080-100														
110-130														
140-160														
(S) 170-190	.2											.2	4.0	4.0
200-220	.6											.6	3.3	3.5
230-250	3.9	5.2	.5									9.6	5.2	5.0
(W) 260-280	7.4	13.8	.2									21.4	5.3	6.0
290-310	9.0	21.9	4.9	.5								36.1	6.5	6.0
320-340	5.5	10.0	7.1	.3								22.9	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											7.3	////////////////////////////////	
TOTALS	27.4	52.0	12.9	.8								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 659

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.3										.5	5.0	5.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220	.2		.2									.3	9.0	9.0
230-250	.6	4.1	.9									5.7	7.5	8.0
(W) 260-280	1.8	19.4	3.4									24.6	7.4	8.0
290-310	1.5	30.4	12.7	2.2								46.9	8.8	8.0
320-340	.8	9.2	9.8	2.0								21.8	10.0	10.0
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	5.1	63.4	27.0	4.2								100.0	8.6	8.0

TOTAL NUMBER OF OBSERVATIONS 651

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.9	.2									2.4	4.5	4.0
020-040	.0											.0	2.0	2.0
050-070	.1	.0										.2	3.0	2.5
(E) 080-100	.3	.0										.4	3.4	3.0
110-130	.5	.0										.5	3.5	4.0
140-160	.4	.0										.4	2.9	2.0
(S) 170-190	.3											.3	3.3	3.5
200-220	.4	.0	.0									.5	4.2	3.0
230-250	2.0	3.2	.5									5.7	5.8	6.0
(W) 260-280	4.2	12.4	1.3									17.8	6.3	6.0
290-310	4.9	22.4	8.8	1.2								37.3	7.9	8.0
320-340	4.5	10.7	8.0	1.4	.0							24.6	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											9.9	////////	
TOTALS	19.0	49.6	18.8	2.6								100.0	6.6	7.0
TOTAL NUMBER OF OBSERVATIONS 2187														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	.9	.1									2.9	3.9	4.0
020-040														
050-070		.1										.1	5.0	5.0
(E) 080-100	.1											.1	3.0	3.0
110-130	.4											.4	2.7	2.0
140-160	.1											.1	1.0	1.0
(S) 170-190	.3											.3	2.5	2.5
200-220	.4											.4	3.0	3.0
230-250	1.8	2.2	.4									4.3	5.2	5.0
(W) 260-280	5.8	10.6	1.5									18.0	5.8	6.0
290-310	7.3	19.0	6.3	.4								33.0	7.0	7.0
320-340	7.0	10.5	8.0	.1								25.6	7.2	7.5
VARIABLE														
CALM	////////////////////////////////////											14.8	////////////////////////////////	
TOTALS	25.1	43.3	16.3	.5								100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 790

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.0	1.5										9.5	2.7	2.0
020-040	2.4	.2										2.6	2.8	2.5
050-070	1.1											1.1	2.6	3.0
(E) 080-100	2.6	.4										3.0	2.9	3.0
110-130	3.5	1.1										4.5	3.2	3.0
140-160	.6											.6	2.0	2.0
(S) 170-190	1.1											1.1	2.2	2.0
200-220	.4	.4										.9	4.3	4.0
230-250	2.2											2.2	2.1	2.0
(W) 260-280	4.5											4.5	2.0	2.0
290-310	8.4	3.2										11.7	3.5	3.0
320-340	11.9	6.7	1.1	.4								20.1	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											38.2	////////////////////////////////	
TOTALS	46.7	13.5	1.1	.4								100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 463

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	1.0										2.7	4.0	3.0
020-040	.3	.1										.4	3.0	2.0
050-070	.1											.1	3.0	3.0
(E) 080-100	.1											.1	2.0	2.0
110-130	.4											.4	2.7	2.0
140-160														
(S) 170-190	.1											.1	1.0	1.0
200-220	1.6	.6										2.2	3.1	2.0
230-250	5.3	5.0	.1									10.5	4.4	4.0
(W) 260-280	9.1	9.1	.3									18.4	4.6	5.0
290-310	12.1	18.1	3.2									33.3	5.8	6.0
320-340	9.8	10.2	3.4	.6	.3							24.3	6.4	6.0
VARIABLE														
CALM	////////////////////											7.3	////////	
TOTALS	40.6	44.1	7.0	.6	.3							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 696

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	.7	.0									2.9	3.3	2.0
020-040	.6	.1										.6	2.9	2.0
050-070	.3											.3	2.7	3.0
(E) 080-100	.6	.1										.6	2.9	3.0
110-130	.8	.2										1.0	3.2	3.0
140-160	.1											.1	2.0	2.0
(S) 170-190	.3											.3	2.0	2.0
200-220	.6	.3										.9	3.5	2.5
230-250	2.3	2.5	.2									5.0	4.9	5.0
(W) 260-280	5.0	11.9	.9									17.9	6.0	6.0
290-310	7.3	21.9	9.1	.1								38.4	7.3	8.0
320-340	5.6	9.1	5.6	1.4	.3	.0						22.1	7.9	8.0
VARIABLE														
CALM	////////////////////											9.8	////////	
TOTALS	25.7	46.8	15.8	1.5	.3							100.0	6.1	7.0

TOTAL NUMBER OF OBSERVATIONS 2319

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	1.4										5.4	3.2	2.0
020-040	1.5	.1										1.6	2.5	2.0
050-070	.4											.4	2.7	3.0
(E) 080-100	.6	.1										.8	2.5	2.0
110-130	.9											.9	2.1	2.0
140-160														
(S) 170-190	.5											.5	1.8	2.0
200-220	1.0	.3										1.3	2.7	2.0
230-250	3.6	1.1	.1									4.9	3.6	3.0
(W) 260-280	6.1	5.9	.4									12.4	4.8	5.0
290-310	10.2	17.1	6.3	.3								33.8	6.4	6.0
320-340	9.3	9.9	3.1	.6	.1							23.1	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											15.1	////////	
TOTALS	38.1	35.9	9.9	.9	.1							100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 797

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.6	1.6	.2									8.4	3.7	3.0
020-040	1.8											1.8	2.0	2.0
050-070	1.6	.5										2.0	3.0	2.0
(E) 080-100	7.0	1.6										8.6	2.9	2.0
110-130	7.0	1.4		.2								8.6	3.4	2.5
140-160	2.7	.5	.2									3.4	3.5	2.0
(S) 170-190	1.4	.2										1.6	2.3	2.0
200-220	1.1	.2										1.4	2.5	2.0
230-250	2.3											2.3	1.8	2.0
(W) 260-280	1.6	.5										2.0	3.3	4.0
290-310	4.3	2.0	.5									6.8	4.3	4.0
320-340	11.1	6.4	2.0	.7								20.2	5.3	4.0
VARIABLE														
CALM	////////////////////											32.7	////////	
TOTALS	48.5	14.9	2.9	.9								100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS 440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.5										2.1	3.2	2.0
020-040	.5	.3										.8	3.0	2.0
050-070	.3	.2										.5	3.3	2.0
(E) 080-100	1.2	.2										1.4	2.7	2.0
110-130	.5	.3	.3									1.1	5.9	7.0
140-160	.9	.9	.3									2.1	5.5	5.0
(S) 170-190	.6	.2	.2									.9	4.7	3.5
200-220	1.5	2.1										3.7	4.5	5.0
230-250	3.7	5.9	.6									10.2	5.6	6.0
(W) 260-280	8.1	8.4	.3									16.7	4.9	5.0
290-310	8.4	12.2	4.1									24.7	6.3	6.0
320-340	6.2	11.6	7.8	.9								26.5	7.8	7.5
VARIABLE														
CALM	////////////////////											9.4	////////	
TOTALS	33.6	42.8	13.6	.9								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 657

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.5	.1									2.4	3.9	3.0
020-040	.5	.1										.6	2.6	2.0
050-070	.4	.1										.5	3.1	2.0
(E) 080-100	1.7	.4										2.1	2.9	2.0
110-130	1.5	.4	.1	.0								2.1	4.0	3.0
140-160	.8	.6	.4									1.7	5.7	5.0
(S) 170-190	.4	.1	.4									.9	6.2	5.0
200-220	.8	.9	.4									2.1	5.7	5.5
230-250	1.9	4.2	1.2									7.3	6.5	6.0
(W) 260-280	4.2	11.0	1.4									16.6	6.2	6.0
290-310	4.6	15.9	8.5	.8								29.9	7.9	8.0
320-340	5.0	9.5	7.5	2.4	.1							24.5	8.6	8.0
VARIABLE														
CALM	////////////////////////////////////											9.2	////////////////////////////////	
TOTALS	23.6	43.7	20.0	3.2	.1							100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 2243

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.0	.4										3.4	3.1	3.0
020-040	.4	.2										.5	4.0	4.0
050-070	.4	.2										.5	3.3	2.0
(E) 080-100	.9											.9	1.6	2.0
110-130	.7											.7	1.8	2.0
140-160	.4											.4	1.5	1.5
(S) 170-190	.9	.2	.2									1.2	3.7	2.0
200-220	.7	1.4										2.1	5.6	6.0
230-250	1.8	2.0										3.7	.0	5.0
(W) 260-280	6.1	9.5	.2									15.7	5.1	5.0
290-310	7.0	16.4	5.0	.2								28.6	6.6	6.0
320-340	6.8	13.2	6.8	1.3	.2							28.2	7.7	8.0
VARIABLE														
CALM	////////////////////////////////////											13.9	////////	
TOTALS	29.1	43.5	12.2	1.5	.2							100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 560

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: OCT HOURS: 06-08

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		5.7	3.4	.5									9.6	4.2	4.0
020-040		3.7	.5	.5									4.7	3.7	2.0
050-070		3.2	.7										3.9	3.2	2.5
(E) 080-100		11.8	6.1	.2									18.2	4.0	4.0
110-130		6.1	6.9										13.0	4.3	5.0
140-160		2.2	.2	.2									2.7	3.5	2.0
(S) 170-190		.5											.5	2.0	2.0
200-220		.7											.7	1.3	1.0
230-250		1.2											1.2	2.4	2.0
(W) 260-280		.7	.5	.2									1.5	4.7	4.0
290-310		3.2	1.0										4.2	3.8	3.0
320-340		2.2	5.7	3.9	.2								12.0	7.7	7.0
VARIABLE															
CALM		////////////////////////////////////										27.8	////////////////////////////////		
TOTALS		41.2	25.0	5.5	.2								100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 407

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	1.7	3.1	.6								8.8	7.7	7.0
020-040	.8	.3	.8									1.9	6.4	6.0
050-070	.9	.3										1.2	3.3	3.0
(E) 080-100	2.3	2.0										4.3	4.1	4.0
110-130	3.1	.9		.5								4.5	4.6	3.0
140-160	1.4	.2	.3									1.9	4.4	2.5
(S) 170-190	.8	.5										1.2	4.1	3.0
200-220	1.7	.9	.2									2.8	4.0	4.0
230-250	4.3	4.8	.2									9.3	4.8	5.0
(W) 260-280	5.6	6.2										11.7	4.8	5.0
290-310	7.9	7.1	2.6	.5	.2							18.2	6.1	6.0
320-340	5.4	7.1	5.6	2.3	.2							20.5	8.2	8.0
VARIABLE														
CALM	////////////////////////////////////											13.7	////////	
TOTALS	37.6	32.0	12.8	3.9	.4							100.0	5.3	5.0
TOTAL NUMBER OF OBSERVATIONS 648														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2		.5									.6	10.8	13.0
020-040			.3									.3	12.5	12.5
050-070														
(E) 080-100														
110-130	.2		.3	.2								.6	11.0	13.0
140-160	.3	.2	.3									.8	8.2	9.0
(S) 170-190		.2										.2	8.0	8.0
200-220		.8	.3									1.1	8.4	8.0
230-250	2.2	6.0	1.5									9.7	6.8	6.0
(W) 260-280	2.0	19.4	2.5									23.8	6.8	6.0
290-310	4.5	19.4	11.4	2.3	.9							38.4	8.8	8.0
320-340	1.1	6.5	8.3	6.8	.8							23.3	11.9	12.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	10.5	52.5	25.4	9.3	1.7							100.0	8.8	8.0

TOTAL NUMBER OF OBSERVATIONS 651

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.4	.2									.8	7.0	7.0
020-040	.6	.4	.2									1.3	5.8	5.5
050-070	.2											.2	3.0	3.0
(E) 080-100		.4										.4	6.5	6.5
110-130														
140-160	.2	.6	.2	.2								1.3	9.0	8.0
(S) 170-190		.6										.6	6.3	7.0
200-220		1.0	.4									1.5	8.1	8.0
230-250	1.3	4.8	.4									6.5	6.0	6.0
(W) 260-280	2.9	10.0	1.0									14.0	6.3	6.0
290-310	4.4	21.1	7.7	1.5	.4							35.1	8.1	8.0
320-340	2.1	12.1	13.4	7.7	1.7	.2						37.2	11.2	11.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////////////////////////////	
TOTALS	11.9	51.4	23.5	9.4	2.1	.2						100.0	8.7	8.0
TOTAL NUMBER OF OBSERVATIONS 479														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: OCT HORS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.2	1.2	1.2	.2								4.8	6.5	5.0
020-040	1.1	.3	.5								1.8	5.3	4.0	
050-070	.9	.2								1.1	3.2	3.0		
(E) 080-100	2.9	1.8	.0								4.8	4.1	4.0	
110-130	2.1	1.6	.1	.2								3.9	4.7	4.0
140-160	1.0	.3	.3	.0								1.6	5.5	4.0
(S) 170-190	.3	.3								.6	4.6	4.5		
200-220	.6	.7	.2								1.6	5.5	5.0	
230-250	2.4	4.3	.6								7.3	5.7	6.0	
(W) 260-280	3.0	9.9	1.0								13.9	6.1	6.0	
290-310	5.2	12.7	5.9	1.1	.4							25.3	7.9	8.0
320-340	2.8	7.7	7.8	4.4	.6	.0						23.4	10.3	10.0
VARIABLE														
CALM	////////////////////////////////////											9.9	////////////////////////////////	
TOTALS	24.5	41.0	17.6	5.9	1.0							100.0	6.7	7.0
TOTAL NUMBER OF OBSERVATIONS 2185														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	.7										4.8	3.0	2.5
020-040	1.4	.5										1.9	3.3	2.5
050-070	.2	.2										.5	4.5	4.5
(E) 080-100	.7	.2										1.0	3.5	3.5
110-130	2.1	.5										2.6	2.9	2.0
140-160	1.2											1.2	2.6	2.0
(S) 170-190	.2	.2										.5	4.0	4.0
200-220	1.2	.2										1.4	2.2	2.0
230-250	3.8	2.6										6.4	4.3	4.0
(W) 260-280	4.8	8.6	.2									13.6	5.2	5.0
290-310	8.4	12.6	5.0	.7								26.7	6.8	6.0
320-340	5.5	11.2	7.4	.5								24.6	7.6	7.0
VARIABLE														
CALM	////////////////////											14.8	////////	
TOTALS	33.6	37.5	12.6	1.2								100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 419

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.2	3.9	.8									10.9	5.0	4.0
020-040	2.7	.8										3.5	3.7	4.0
050-070	1.9	1.2										3.1	4.0	4.0
(E) 080-100	16.3	12.8	.8									30.0	4.6	4.0
110-130	8.2	9.7	1.6	.8	.4							20.6	6.0	5.0
140-160	1.2	.8										1.9	4.2	4.0
(S) 170-190	.8	.4	.4									1.6	6.0	6.0
200-220			.8									.8	11.0	11.0
230-250														
(W) 260-280	.8	.4										1.2	4.3	4.0
290-310	.8	1.9										2.7	5.1	6.0
320-340	3.5	2.3	2.7				.4					8.9	7.6	8.0
VARIABLE														
CALM	////////////////////////////////////											14.8	////////	
TOTALS	42.4	34.2	7.1	.8	.4		.4					100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 257

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATIONNAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	2.5	4.6	.3								11.1	7.6	8.0
020-040	1.3	1.3	.2									2.8	4.9	5.0
050-070	1.7	.2										1.8	2.8	2.0
(E) 080-100	7.8	4.8	.7									13.2	4.5	4.0
110-130	5.6	4.8	1.2	.3	.3							12.2	6.1	5.0
140-160	.8	1.0	.5		.3							2.6	7.8	7.0
(S) 170-190	1.2	1.2	.5									2.8	5.4	5.0
200-220	1.0	1.5	.2	.2								2.8	6.0	6.0
230-250	3.0	2.6	.2									5.8	5.0	4.0
(W) 260-280	2.5	1.2	.2									3.8	4.7	4.0
290-310	3.3	3.5	1.3	.3	.2							8.6	6.2	5.0
320-340	3.8	6.8	7.3	1.5		.2						19.5	8.8	9.0
VARIABLE														
CALM	////////////////////////////////////											12.9	////////////////////////////////	
TOTALS	35.6	31.4	16.9	2.6	.8	.2						100.0	5.6	6.0
TOTAL NUMBER OF OBSERVATIONS 605														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.5	.3	.3								1.5	9.3	8.0
020-040		.2	.3									.5	10.3	10.0
050-070	.5	.2										.7	3.3	2.5
(E) 080-100	.5	.2	.2									.8	5.4	4.0
110-130	.2	.3	1.0	.8	.2	.2						2.7	13.1	12.0
140-160		.5	.5	.5								1.5	11.9	12.0
(S) 170-190	.2	.8	.3	.5								1.8	9.6	8.0
200-220	.3	2.0	1.3									3.7	8.1	8.0
230-250	2.3	6.5	1.3									10.2	6.3	6.0
(W) 260-280	4.5	9.5	1.0									15.0	5.9	6.0
290-310	3.8	14.9	9.7	2.0	.5	.2	.2					31.2	8.9	8.0
320-340	2.7	7.2	13.5	4.3	.3							28.0	10.6	11.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////////////////////////////	
TOTALS	15.3	42.8	29.4	8.4	1.0	.4	.2					100.0	8.6	8.0

TOTAL NUMBER OF OBSERVATIONS 599

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	.7	.5	.2	.2							3.2	7.2	4.0
020-040	.2		1.0	.2								1.4	11.0	12.0
050-070	.2	.2										.3	5.0	5.0
(E) 080-100	.3											.3	4.0	4.0
110-130	.3	.9	.3	1.2	.2							2.9	11.9	12.0
140-160		.3	.5	.3	.3							1.5	13.8	14.0
(S) 170-190	.3	.5										.9	6.2	6.0
200-220	.7	1.9	1.4									3.9	7.5	7.0
230-250	1.2	2.7	.5									4.4	6.2	6.0
(W) 260-280	2.9	4.8	.5									8.2	5.4	5.5
290-310	7.8	15.5	5.6	1.0	.5							30.5	7.2	7.0
320-340	6.0	11.9	12.6	5.3	1.0							36.9	9.8	10.0
VARIABLE														
CALM	////////////////////////////////////											5.5	////////////////////////////////	
TOTALS	21.6	39.4	22.9	8.2	2.2							100.0	7.8	7.0
TOTAL NUMBER OF OBSERVATIONS 586														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	IND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.6	1.7	.2	.0							6.0	7.1	6.0
020-030	.8	.5	.4	.0								1.8	6.4	6.0
050-070	.9	.3										1.2	3.4	3.0
(E) 080-100	4.6	3.1	.3									8.0	4.6	4.0
110-130	2.8	3.0	.9	.8	.2	.0						7.8	7.4	6.0
140-160	.4	.6	.4	.2	.2							1.9	9.7	9.0
(S) 170-190	.6	.8	.3									1.8	6.8	6.0
200-220	.6	1.6	.9	.0								3.1	7.4	7.0
230-250	1.9	3.5	.6									6.0	5.9	6.0
(W) 260-280	3.0	4.5	.5									8.0	5.5	5.0
290-310	4.4	10.1	4.8	1.0	.3	.0	.0					20.8	7.8	7.0
320-340	4.1	7.8	10.1	3.2	.4	.0	.0					25.6	9.7	10.0
VARIABLE														
CALM	////////////////////////////////////											7.9	////////////////////////////////	
TOTALS	26.5	37.4	20.9	5.5	1.1							100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2047

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	1.1										3.7	3.3	2.0
020-040														
050-070														
(E) 080-100	1.6	.5	1.1									3.2	7.2	6.5
110-130	3.2	2.1	1.6	.5								7.4	6.6	5.5
140-160	.5	1.6	.5		.5							3.2	8.8	7.5
(S) 170-190	1.1	1.6										2.7	5.0	6.0
200-220	.5	1.6	3.2	.5								5.9	9.7	12.0
230-250	2.1	4.8										6.9	5.7	6.0
(W) 260-280	1.6	5.9	2.1									9.6	7.2	7.0
290-310	9.0	13.8	5.3									28.2	6.3	6.0
320-340	3.2	8.0	8.0	.5								19.7	8.4	9.0
VARIABLE														
CALM	////////////////////											9.6	////////	
TOTALS	25.5	41.0	21.8	1.5	.5							100.0	6.3	7.0

TOTAL NUMBER OF OBSERVATIONS 188

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	3.0	1.9	.7								11.2	6.0	5.0
020-040	4.1	2.6	.4									7.1	4.4	4.0
050-070	1.9	.7										2.6	4.3	4.0
(E) 080-100	15.4	19.1	1.1									35.6	5.2	5.0
110-130	8.2	9.7	2.2		1.1	.4						21.7	6.7	6.0
140-160	1.5	.4										1.9	2.6	2.0
(S) 170-190	1.1	.7										1.9	3.8	4.0
200-220	.4		.4									.7	8.0	8.0
230-250	.4											.4	2.0	2.0
(W) 260-280	.7											.7	2.5	2.5
290-310			.4									.4	13.0	13.0
320-340	.4	3.0	1.9									5.2	8.2	8.5
VARIABLE														
CALM	////////////////////////////////////											10.5	////////////////////////////////	
TOTALS	39.7	39.2	8.3	.7	1.1	.4						100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 267														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	4.8	3.8	.9	.2							13.4	7.9	8.0
020-040	3.8	1.6	.9									6.3	5.0	4.0
050-070	3.1	1.9	.2									5.2	4.8	4.0
(E) 080-100	7.3	8.9	.5									16.7	4.8	5.0
110-130	7.7	9.5	1.6	1.4	.3							20.5	6.4	5.0
140-160	2.0	.9	.5	.5	.3	.2						4.4	7.9	5.0
(S) 170-190	.8	.6	.6	.2								2.2	6.9	5.0
200-220	.6	.8	.5									1.9	7.1	6.0
230-250	1.1	.6	.2									1.9	4.4	4.0
(W) 260-280	1.7	.3										2.0	3.5	4.0
290-310	1.4	1.9	.9	.2								4.4	6.6	6.0
320-340	3.6	2.8	4.1	1.3	.3							12.0	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											9.2	////////	
TOTALS	36.9	34.6	13.8	4.5	1.1	.2						100.0	5.8	5.0
TOTAL NUMBER OF OBSERVATIONS 640														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.3	1.7	1.6	1.4	.5							5.5	12.0	11.0
020-040	.8	.8	.6	.3								2.5	8.4	8.0
050-070	.3	.9										1.2	6.3	6.5
(E) 080-100	.6	.2	.5	.2								1.4	8.4	8.0
110-130	.9	1.4	2.3	1.4	1.1	.2						7.3	12.4	12.0
140-160	.5	2.5	1.9	.3								5.1	8.9	8.0
(S) 170-190	1.1	1.6	.9									3.6	7.0	7.0
200-220	1.6	2.2	.3	.6								4.7	7.2	6.0
230-250	4.2	5.3	.3									9.8	5.1	5.0
(W) 260-280	5.9	6.1	.8									12.8	5.2	5.0
290-310	5.5	8.6	3.4	.6	.2							18.3	7.0	6.0
320-340	3.1	8.1	9.0	3.0	.6							23.9	10.2	10.0
VARIABLE														
CALM	////////////////////////////////////										3.9	////////////////////////////////		
TOTALS	24.8	39.4	21.6	7.8	2.4	.2						100.0	7.9	7.0

TOTAL NUMBER OF OBSERVATIONS 641

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.3	1.3	1.0	.5							6.2	8.8	6.0
020-040	.3	.6		.5	.2							1.6	10.8	8.5
050-070	1.3	.6	.2	.2								2.2	6.1	4.0
(E) 080-100	.6	.5	.5									1.6	6.8	6.5
110-130	1.0	1.7	2.1	.8	.5	.2						6.2	11.1	10.0
140-160	.3	.6	1.1									2.1	9.1	10.0
(S) 170-190	.2	1.1	.8									2.1	8.3	8.0
200-220	1.9	1.1	.6	.3	.2							4.1	7.0	5.5
230-250	2.7	2.5										5.2	4.9	4.0
(W) 260-280	5.2	3.3										8.6	4.3	4.0
290-310	9.1	7.3	2.5	.3								19.2	5.7	5.0
320-340	5.7	11.0	11.9	3.8	.3	.2						32.9	9.5	9.0
VARIABLE														
CALM	////////////////////////////////////											7.9	////////////////////////////////	
TOTALS	30.5	31.6	21.0	6.9	1.7	.4						100.0	7.1	7.0
TOTAL NUMBER OF OBSERVATIONS 629														

OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: DEC HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES												%	WIND	WIND
(N) 350-010	2.5	2.7	2.2	1.1	.3							8.7	8.5	8.0
020-040	1.9	1.2	.5	.2	.0							3.9	6.2	5.0
050-070	1.6	1.1	.1	.0							2.8	5.2	4.0	
(E) 080-100	4.4	5.1	.6	.0							10.2	5.2	5.0	
110-130	3.8	4.9	2.0	1.1	.7	.1						12.6	8.1	6.0
140-160	1.0	1.2	1.0	.2	.1	.0						3.6	8.2	7.0
(S) 170-190	.7	1.1	.7	.0							2.5	7.0	6.0	
200-220	1.2	1.2	.5	.3	.0							3.2	7.1	6.0
230-250	2.1	2.5	.1							5.0	4.9	5.0		
(W) 260-280	3.9	2.8	.2							6.9	4.7	4.0		
290-310	4.6	5.2	2.1	.3	.0							12.3	6.4	6.0
320-340	3.7	6.8	7.5	2.3	.4	.0						20.7	9.5	9.0
VARIABLE														
CALM	////////////////////////////////////											7.4	////////////////////////////////	
TOTALS	31.7	35.8	17.5	5.5	1.5	.1						100.0	6.7	6.0
TOTAL NUMBER OF OBSERVATIONS 2177														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)													%	WIND	WIND
(N) 350-010		2.9	.7										3.6	3.8	4.0
020-040		1.4	.7										2.2	3.0	2.0
050-070		1.4											1.4	3.0	3.0
(E) 080-100		2.9											2.9	2.5	2.5
110-130		2.2	.7		.7	1.4	1.4						6.5	14.6	18.0
140-160		.7	1.4	.7									2.9	5.8	5.5
(S) 170-190		2.2	2.9	1.4									6.5	6.3	6.0
200-220		1.4	3.6	3.6	2.9	.7							12.2	11.2	13.0
230-250		1.4	3.6										5.0	5.4	6.0
(W) 260-280		2.2	3.6	.7									6.5	6.0	5.0
290-310		7.2	10.1	4.3									21.6	6.0	6.0
320-340		7.2	5.0	7.2	.7	.7							20.9	8.1	8.0
VARIABLE															
CALM		////////////////////////////////////											7.9	////////////////////////////////	
TOTALS		33.1	32.3	17.9	4.3	2.8	1.4						100.0	6.9	6.0

TOTAL NUMBER OF OBSERVATIONS 139

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.5	1.1	.4	.1	.0						4.9	7.4	6.0
020-040	.8	.4	.2	.1	.0							1.6	6.0	4.0
050-070	.7	.3	.0	.0		.0						1.0	4.1	3.0
(E) 080-100	2.1	1.7	.2	.0	.0							4.1	4.9	4.0
110-130	2.1	2.1	.8	.5	.2	.1	.0					5.7	7.5	6.0
140-160	.6	.5	.5	.1	.1	.0						1.9	8.3	7.0
(S) 170-190	.4	.6	.4	.1	.0							1.5	7.2	7.0
200-220	.7	.9	.4	.1	.0							2.1	6.5	6.0
230-250	1.9	3.3	.7	.0								5.8	6.0	6.0
(W) 260-280	3.3	7.6	.9	.1	.0							11.8	6.1	6.0
290-310	4.1	12.7	7.6	2.0	.3	.0	.0					26.7	8.5	8.0
320-340	3.5	7.8	9.1	4.2	1.0	.1	.0					25.7	10.3	10.0
VARIABLE														
CALM	////////////////////////////////////											7.1	////////////////////////////////	
TOTALS	22.0	39.4	21.9	7.6	1.7	.2						100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS: 26462

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.8	1.1	.1	.0							4.0	3.9	3.0
020-040	.7	.2									.9	3.1	3.0
050-070	.5	.1									.6	2.5	2.0
(E) 080-100	.8	.2	.1								1.1	3.9	3.0
110-130	1.1	.5	.2	.2	.2	.0					2.2	7.4	5.0
140-160	.4	.2	.2	.1	.0						1.0	6.9	5.0
(S) 170-190	.6	.4	.3	.0							1.4	5.8	6.0
200-220	.9	.8	.3	.1	.0						2.1	6.2	6.0
230-250	2.5	2.5	.3								5.3	5.0	5.0
(W) 260-280	5.2	8.6	.7	.0							14.5	5.5	5.0
290-310	7.0	16.0	6.3	1.0	.1						30.4	7.2	7.0
320-340	6.1	10.5	6.8	1.0	.2	.0					24.6	7.7	8.0
VARIABLE													
CALM	////////////////////										11.8	////////	
TOTALS	28.6	41.1	15.3	2.4	.5						100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS: 5004

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.5	60.7	60.7	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.8
GE 20000	63.6	65.8	65.8	66.5	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6
GE 18000	64.0	66.2	66.2	66.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.0
GE 16000	64.0	66.2	66.2	66.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.0
GE 14000	64.3	66.5	66.5	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.4
GE 12000	65.8	68.0	68.0	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.9
GE 10000	67.6	69.9	69.9	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.1
GE 9000	68.0	70.2	70.2	71.3	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.4
GE 8000	69.9	72.1	72.1	73.2	73.9	73.9	73.9	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.6
GE 7000	69.9	72.1	72.1	73.2	73.9	73.9	73.9	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.6
GE 6000	69.9	72.1	72.1	73.2	73.9	73.9	73.9	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.6
GE 5000	71.7	73.9	75.0	76.1	76.8	76.8	76.8	76.8	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.6
GE 4500	72.4	74.6	76.1	77.2	77.9	77.9	77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.7
GE 4000	73.2	75.7	77.2	78.3	79.0	79.0	79.0	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.8
GE 3500	73.5	76.1	77.6	78.7	79.4	79.4	79.4	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.5
GE 3000	76.1	78.7	80.1	81.3	82.0	82.0	82.0	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	83.1
GE 2500	78.7	81.6	83.1	84.2	84.9	84.9	84.9	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	86.0
GE 2000	81.6	85.3	87.5	88.6	89.3	89.3	89.3	89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.4
GE 1800	82.4	86.0	88.2	89.3	90.1	90.1	90.1	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	91.2
GE 1500	82.7	87.1	89.3	90.4	91.5	91.5	91.9	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	93.0
GE 1200	83.1	87.9	90.1	91.2	92.3	92.3	92.6	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.8
GE 1000	83.1	87.9	90.1	91.2	92.3	92.3	92.6	93.0	93.0	93.8	93.8	93.8	93.8	93.8	93.8	94.1
GE 900	83.1	87.9	90.1	91.5	92.6	92.6	93.0	93.4	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.5
GE 800	83.1	87.9	90.1	91.5	92.6	92.6	93.0	93.4	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.5
GE 700	83.1	87.9	90.1	91.5	92.6	92.6	93.4	93.8	94.1	94.9	94.9	94.9	94.9	94.9	94.9	95.2
GE 600	83.8	88.6	91.2	92.6	93.8	93.8	94.5	94.9	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.3
GE 500	83.8	88.6	91.2	92.6	93.8	93.8	94.5	94.9	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.7
GE 400	84.2	89.0	91.5	93.0	94.1	94.1	95.2	95.6	96.0	96.7	96.7	96.7	97.1	97.1	97.4	98.2
GE 300	84.2	89.0	91.5	93.0	94.1	94.1	95.6	96.0	96.3	97.4	97.8	97.8	98.5	98.5	98.9	99.6
GE 200	84.2	89.0	91.5	93.0	94.1	94.1	95.6	96.0	96.3	97.4	97.8	97.8	98.5	98.5	98.9	99.6
GE 100	84.2	89.0	91.5	93.0	94.1	94.1	95.6	96.0	96.3	97.4	97.8	97.8	98.5	98.5	98.9	100.0
GE 000	84.2	89.0	91.5	93.0	94.1	94.1	95.6	96.0	96.3	97.4	97.8	97.8	98.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 272

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.8	61.4	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0
GE 20000	67.6	68.2	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.0
GE 18000	68.5	69.1	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
GE 16000	68.5	69.1	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
GE 14000	69.0	69.6	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4
GE 12000	71.0	71.6	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6
GE 10000	74.1	75.2	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4
GE 9000	74.1	75.2	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4
GE 8000	75.5	76.7	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1
GE 7000	76.0	77.2	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6
GE 6000	76.6	77.8	78.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2
GE 5000	78.3	79.7	80.5	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2
GE 4500	79.4	81.2	82.0	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1
GE 4000	80.5	82.3	83.1	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
GE 3500	81.7	83.6	84.5	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
GE 3000	82.8	84.7	85.6	87.0	87.0	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6
GE 2500	84.8	86.7	87.8	89.3	89.3	89.6	89.6	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1
GE 2000	86.7	88.7	89.9	91.9	92.1	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9
GE 1800	86.7	88.7	90.2	92.2	92.4	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2
GE 1500	87.3	89.6	91.5	93.6	94.0	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
GE 1200	87.6	90.1	92.1	94.3	94.6	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 1000	87.8	90.4	92.4	94.6	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
GE 900	87.8	90.4	92.4	94.6	95.0	95.3	95.3	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0
GE 800	87.8	90.4	92.4	94.6	95.0	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 700	87.8	90.4	92.6	94.9	95.5	95.8	96.1	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1
GE 600	87.9	90.5	92.7	95.3	96.3	96.6	96.9	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 500	88.1	90.7	92.9	95.5	96.6	96.9	97.2	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3
GE 400	88.1	90.7	92.9	95.5	96.7	97.1	97.4	98.3	98.3	98.3	98.3	98.3	98.4	98.6	98.6	98.6
GE 300	88.2	90.9	93.0	95.7	96.9	97.4	97.7	98.6	98.6	98.6	98.6	98.6	98.8	98.9	99.1	99.4
GE 200	88.2	90.9	93.0	95.7	97.1	97.5	97.8	98.8	98.8	98.8	98.8	98.8	98.9	99.1	99.2	99.8
GE 100	88.2	90.9	93.0	95.7	97.1	97.5	97.8	98.8	98.8	98.8	98.8	98.8	98.9	99.1	99.2	100.0
GE 000	88.2	90.9	93.0	95.7	97.1	97.5	97.8	98.8	98.8	98.8	98.8	98.8	98.9	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 645

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.1	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 20000	69.0	70.0	70.0	70.5	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 18000	70.0	71.1	71.1	71.6	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 16000	70.7	71.8	71.8	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 14000	71.3	72.4	72.4	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	73.0	74.3	74.3	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 10000	76.8	78.0	78.2	79.1	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 9000	76.8	78.0	78.2	79.1	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 8000	78.3	79.7	80.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	79.1	80.5	80.8	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 6000	79.3	80.7	81.0	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 5000	81.4	82.8	83.2	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4500	82.2	83.9	84.2	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	83.5	85.2	85.5	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3500	83.8	85.5	85.8	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3000	85.3	87.2	87.8	89.1	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	86.9	88.9	89.7	91.0	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2000	88.6	91.0	91.9	93.1	93.4	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	90.0	92.5	93.6	94.9	95.2	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	90.6	93.3	94.7	95.9	96.3	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	91.1	93.8	95.3	96.6	96.9	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	91.6	94.2	95.8	97.0	97.3	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	91.6	94.5	96.3	97.5	97.8	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	91.6	94.5	96.3	97.5	97.8	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	91.6	94.5	96.3	97.5	97.8	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	91.7	94.7	96.4	97.7	98.0	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	91.7	94.7	96.4	97.7	98.4	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	91.7	94.7	96.4	97.7	98.6	98.8	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	91.7	94.7	96.4	97.8	98.8	98.9	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0
GE 200	91.7	94.7	96.4	97.8	98.8	98.9	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0
GE 100	91.7	94.7	96.4	97.8	98.8	98.9	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0
GE 000	91.7	94.7	96.4	97.8	98.8	98.9	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 641

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN HOURS: 15-17

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL		59.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	0.7	60.7	60.7	60.7
GE 20000		67.5	68.6	68.9	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6
GE 18000		68.3	69.4	69.7	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4
GE 16000		68.5	69.6	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5
GE 14000		69.6	70.7	71.0	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
GE 12000		71.8	72.9	73.2	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9
GE 10000		76.9	78.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7
GE 9000		76.9	78.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7
GE 8000		78.9	80.3	81.1	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
GE 7000		79.6	81.0	81.8	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6
GE 6000		79.9	81.3	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4
GE 5000		81.3	82.7	84.0	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8
GE 4500		81.9	83.4	84.6	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 4000		82.6	84.0	85.3	85.7	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.4	86.4	86.4	86.4
GE 3500		82.6	84.0	85.3	85.7	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.4	86.4	86.4	86.4
GE 3000		84.0	85.4	86.7	87.6	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3
GE 2500		85.9	87.3	89.1	90.6	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
GE 2000		86.8	88.3	90.5	92.4	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5
GE 1800		88.0	89.4	91.6	93.5	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1
GE 1500		88.6	90.2	92.6	94.6	95.4	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
GE 1200		89.1	90.6	93.0	95.1	95.9	96.4	96.7	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 1000		89.7	91.3	93.7	95.7	96.7	97.1	97.8	97.9	97.9	98.1	98.1	98.1	98.3	98.3	98.3	98.3
GE 900		89.9	91.4	93.8	95.9	96.8	97.3	98.1	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 800		89.9	91.4	93.8	95.9	96.8	97.3	98.1	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 700		90.2	91.8	94.1	96.2	97.1	97.6	98.4	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 600		90.2	91.8	94.1	96.2	97.1	97.6	98.4	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 500		90.2	91.8	94.1	96.2	97.3	97.8	98.6	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 400		90.2	91.8	94.3	96.5	97.6	98.1	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 300		90.2	91.8	94.3	96.5	97.6	98.3	99.0	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 200		90.2	91.8	94.3	96.5	97.6	98.3	99.0	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.8
GE 100		90.2	91.8	94.3	96.5	97.6	98.3	99.0	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	100.0
GE 000		90.2	91.8	94.3	96.5	97.6	98.3	99.0	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 631

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.9	60.9	60.9	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.4
GE 20000	67.5	68.6	68.7	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.5
GE 18000	68.3	69.4	69.6	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.4
GE 16000	68.6	69.7	69.8	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.6
GE 14000	69.3	70.4	70.5	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.3
GE 12000	71.2	72.3	72.5	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3
GE 10000	74.9	76.2	76.7	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.7
GE 9000	74.9	76.2	76.7	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7
GE 8000	76.6	78.1	78.6	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.7
GE 7000	77.2	78.6	79.1	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2
GE 6000	77.5	78.9	79.6	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.7
GE 5000	79.3	80.8	81.6	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7
GE 4500	80.1	81.8	82.7	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.0
GE 4000	81.0	82.8	83.7	84.6	84.7	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1
GE 3500	81.5	83.3	84.2	85.2	85.4	85.5	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8
GE 3000	83.1	84.9	85.9	87.1	87.3	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8
GE 2500	85.0	86.9	88.1	89.5	89.8	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.4
GE 2000	86.7	88.8	90.4	92.0	92.4	92.6	92.6	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 1800	87.5	89.7	91.4	93.0	93.5	93.7	93.8	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2
GE 1500	88.1	90.5	92.5	94.2	94.7	95.0	95.2	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE 1200	88.5	91.0	93.1	94.8	95.3	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.3
GE 1000	88.9	91.5	93.5	95.2	95.8	96.1	96.3	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.9
GE 900	88.9	91.6	93.7	95.4	96.1	96.3	96.6	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.3
GE 800	88.9	91.6	93.7	95.4	96.1	96.3	96.6	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 700	89.0	91.7	93.8	95.6	96.3	96.6	97.0	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.8
GE 600	89.2	91.9	94.0	95.9	96.7	97.0	97.4	97.9	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 500	89.2	91.9	94.1	96.0	97.0	97.3	97.7	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.6
GE 400	89.3	92.0	94.2	96.1	97.2	97.5	98.0	98.5	98.6	98.8	98.8	98.8	98.9	98.9	99.0	99.1
GE 300	89.3	92.0	94.2	96.2	97.3	97.7	98.2	98.8	98.9	99.0	99.1	99.1	99.3	99.4	99.5	99.7
GE 200	89.3	92.0	94.2	96.2	97.4	97.7	98.3	98.8	98.9	99.1	99.1	99.1	99.4	99.4	99.5	99.9
GE 100	89.3	92.0	94.2	96.2	97.4	97.7	98.3	98.8	98.9	99.1	99.1	99.1	99.4	99.4	99.5	100.0
GE 000	89.3	92.0	94.2	96.2	97.4	97.7	98.3	98.8	98.9	99.1	99.1	99.1	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2189

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.8	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.5
GE 20000	55.3	57.3	57.6	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.8	58.8	58.8	59.2
GE 18000	55.3	57.3	58.0	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.2	59.2	59.2	59.6
GE 16000	55.3	57.3	58.0	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.2	59.2	59.2	59.6
GE 14000	55.7	57.6	58.4	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.6	59.6	59.6	60.0
GE 12000	57.6	59.6	60.4	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.6	61.6	61.6	62.0
GE 10000	59.2	62.0	62.7	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.3	64.3	64.3	64.7
GE 9000	59.6	62.4	63.1	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.7	64.7	64.7	65.1
GE 8000	60.0	62.7	63.5	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.1	65.1	65.1	65.5
GE 7000	60.0	62.7	63.5	64.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.5	65.5	65.5	65.9
GE 6000	60.8	63.5	64.3	65.1	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.3	66.3	66.3	66.7
GE 5000	63.9	66.7	67.5	68.2	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.4	69.4	69.4	69.8
GE 4500	64.3	67.1	67.8	68.6	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.8	69.8	69.8	70.2
GE 4000	65.1	67.8	68.6	69.4	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.6	70.6	70.6	71.0
GE 3500	67.5	70.2	71.0	71.8	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.9	72.9	72.9	73.3
GE 3000	69.4	72.2	73.3	74.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.3	75.3	75.3	75.7
GE 2500	70.6	73.3	74.5	75.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.5	76.5	76.5	76.9
GE 2000	73.3	76.1	77.3	78.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.0	80.0	80.0	80.4
GE 1800	73.7	76.5	77.6	78.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.8	80.8	80.8	81.2
GE 1500	74.5	77.3	78.8	80.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7	83.1
GE 1200	75.7	78.4	80.8	83.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.9	85.9	85.9	86.3
GE 1000	75.7	78.4	81.2	83.9	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.5
GE 900	76.1	78.8	81.6	84.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.8	87.8	87.8	88.2
GE 800	76.1	78.8	81.6	84.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.8	87.8	87.8	88.2
GE 700	76.1	78.8	82.0	84.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.6	88.6	88.6	89.0
GE 600	76.1	78.8	82.0	85.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.0	89.0	89.0	89.4
GE 500	76.5	79.2	82.4	85.9	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2	90.6	90.6	91.0	91.4
GE 400	76.5	79.2	82.4	86.3	90.2	90.2	90.2	90.2	90.2	91.0	91.0	91.0	91.4	91.4	91.8	93.3
GE 300	76.5	79.2	82.4	87.1	91.4	91.4	91.4	91.8	91.8	92.5	92.5	92.5	92.9	92.9	93.7	95.7
GE 200	76.5	79.2	82.4	87.1	91.4	91.4	91.4	91.8	91.8	92.9	92.9	93.3	94.1	94.5	95.3	97.3
GE 100	76.5	79.2	82.4	87.1	91.4	91.4	91.4	91.8	91.8	92.9	92.9	93.3	94.1	94.5	95.7	98.8
GE 000	76.5	79.2	82.4	87.1	91.4	91.4	91.4	91.8	91.8	92.9	93.7	94.1	94.9	95.3	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 255

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAG FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.9	54.5	55.7	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.3
GE 20000	62.3	62.9	64.1	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9
GE 18000	63.3	63.9	65.0	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9
GE 16000	63.3	63.9	65.2	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0
GE 14000	64.9	65.5	66.8	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
GE 12000	66.0	66.7	68.0	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
GE 10000	68.1	69.1	70.6	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.0
GE 9000	68.3	69.3	70.7	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2
GE 8000	68.8	69.9	71.4	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8
GE 7000	68.8	69.9	71.5	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
GE 6000	69.4	70.6	72.2	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
GE 5000	71.2	72.7	74.3	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
GE 4500	72.7	74.1	75.7	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.2
GE 4000	73.3	74.8	76.4	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8
GE 3500	74.9	76.4	78.2	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
GE 3000	77.0	78.6	80.6	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5
GE 2500	77.8	79.6	81.7	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
GE 2000	80.9	82.8	85.4	87.1	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.2
GE 1800	81.4	83.3	85.9	87.7	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8
GE 1500	82.2	84.3	87.2	89.8	90.9	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.6
GE 1200	83.0	85.4	88.3	91.1	92.2	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	93.0
GE 1000	83.2	85.6	88.7	91.4	92.6	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.5
GE 900	83.2	85.6	88.7	91.4	92.6	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.5
GE 800	83.3	85.8	88.8	91.7	93.0	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.0
GE 700	83.5	85.9	89.0	91.9	93.2	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.2
GE 600	83.5	85.9	89.2	92.2	93.9	94.7	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.3
GE 500	83.5	86.1	89.3	92.7	94.8	95.6	95.8	95.8	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.6
GE 400	83.7	86.2	89.5	93.0	95.3	96.1	96.4	96.8	97.1	97.4	97.4	97.6	97.6	97.6	97.6	98.1
GE 300	83.7	86.2	89.5	93.0	95.6	96.4	96.8	97.2	97.6	98.1	98.1	98.2	98.4	98.4	98.4	98.9
GE 200	83.7	86.2	89.5	93.0	95.6	96.4	96.8	97.2	97.6	98.2	98.2	98.4	98.5	98.5	98.5	99.7
GE 100	83.7	86.2	89.5	93.0	95.6	96.4	96.8	97.2	97.6	98.2	98.2	98.4	98.5	98.5	98.5	100.0
GE 000	83.7	86.2	89.5	93.0	95.6	96.4	96.8	97.2	97.6	98.2	98.2	98.4	98.5	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 618

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.3	58.1	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 20000	66.6	67.6	69.1	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 18000	67.6	68.6	70.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 16000	67.8	68.7	70.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 14000	68.9	69.9	71.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 12000	70.4	71.4	72.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 10000	73.0	74.1	75.8	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 9000	73.0	74.1	75.8	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 8000	74.1	75.3	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 7000	74.1	75.3	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 6000	74.6	75.9	77.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 5000	75.9	77.9	79.5	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4500	76.8	78.7	80.4	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4000	78.2	80.2	81.8	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500	79.1	81.0	82.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3000	81.2	83.3	85.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 2500	81.7	84.0	85.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2000	84.5	86.9	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1800	84.8	87.2	89.4	90.7	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	85.6	88.2	90.8	92.5	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1200	85.9	88.7	91.5	93.3	93.8	93.9	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	86.1	88.9	91.7	93.6	94.3	94.4	94.6	94.6	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	86.1	88.9	91.8	93.9	94.6	94.8	94.9	94.9	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	86.1	88.9	91.8	93.9	94.6	95.1	95.3	95.3	95.3	95.9	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	86.1	88.9	91.8	93.9	94.8	95.6	95.7	95.7	95.7	96.4	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	86.3	89.0	92.0	94.1	94.9	96.6	96.9	97.1	97.1	97.7	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	86.3	89.0	92.0	94.3	95.1	96.7	97.1	97.2	97.2	97.9	98.2	98.2	98.2	98.2	98.4	98.4
GE 400	86.3	89.0	92.0	94.6	95.6	97.2	97.5	97.7	97.7	98.4	98.7	98.7	98.7	98.7	98.9	98.9
GE 300	86.3	89.0	92.0	94.8	96.1	97.7	98.0	98.2	98.2	98.9	99.2	99.2	99.2	99.2	99.3	99.3
GE 200	86.3	89.0	92.1	94.9	96.4	98.0	98.4	98.5	98.5	99.2	99.7	99.7	99.7	99.7	99.8	100.0
GE 100	86.3	89.0	92.1	94.9	96.4	98.0	98.4	98.5	98.5	99.2	99.7	99.7	99.7	99.7	99.8	100.0
GE 000	86.3	89.0	92.1	94.9	96.4	98.0	98.4	98.5	98.5	99.2	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 611

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.8	51.7	52.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 20000	61.7	62.9	64.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 18000	63.0	64.2	65.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 16000	63.0	64.2	65.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 14000	64.9	66.1	67.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 12000	67.1	68.2	69.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 10000	69.9	71.2	72.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 9000	69.9	71.2	72.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 8000	71.4	72.7	74.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 7000	71.7	73.1	74.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	72.7	74.1	75.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 5000	74.4	76.1	77.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4500	75.4	77.1	78.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4000	76.4	78.1	79.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3500	77.6	79.8	81.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3000	80.8	83.1	84.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	81.8	84.1	85.6	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2000	83.9	86.3	88.0	89.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1800	84.1	86.5	88.1	89.3	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1500	84.8	87.3	89.6	91.0	91.8	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	85.8	88.3	90.6	92.0	92.8	93.0	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	86.1	88.6	91.0	92.8	93.6	93.8	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 900	86.1	88.6	91.0	92.8	93.6	93.8	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	86.3	88.8	91.3	93.3	94.1	94.3	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	86.6	89.1	92.0	94.1	95.0	95.2	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	86.6	89.1	92.0	94.3	95.2	95.3	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	86.8	89.3	92.3	94.6	95.8	96.2	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.7
GE 400	86.8	89.3	92.3	95.0	96.2	97.0	97.7	98.2	98.2	98.3	98.3	98.5	98.7	98.7	98.7	98.8
GE 300	86.8	89.3	92.3	95.0	96.2	97.0	97.8	98.3	98.3	98.3	98.5	98.7	98.7	98.7	98.7	99.2
GE 200	86.8	89.3	92.3	95.0	96.3	97.2	98.2	98.7	98.7	98.8	99.0	99.2	99.2	99.2	99.3	100.0
GE 100	86.8	89.3	92.3	95.0	96.3	97.2	98.2	98.7	98.7	98.8	99.0	99.2	99.2	99.2	99.3	100.0
GE 000	86.8	89.3	92.3	95.0	96.3	97.2	98.2	98.7	98.7	98.8	99.0	99.2	99.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 598

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.5	54.4	55.3	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
GE 20000	62.5	63.6	64.8	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.8
GE 18000	63.5	64.6	65.8	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.8
GE 16000	63.5	64.6	65.9	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.9
GE 14000	64.9	66.0	67.3	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.3
GE 12000	66.6	67.6	68.9	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
GE 10000	69.0	70.3	71.7	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
GE 9000	69.1	70.4	71.8	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
GE 8000	70.0	71.4	72.8	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0
GE 7000	70.1	71.5	73.0	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
GE 6000	70.8	72.3	73.7	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	75.0
GE 5000	72.6	74.4	75.9	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
GE 4500	73.6	75.5	76.9	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1
GE 4000	74.6	76.5	77.9	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.2
GE 3500	76.0	78.0	79.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	81.0
GE 3000	78.4	80.5	82.2	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7
GE 2500	79.2	81.4	83.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.9
GE 2000	81.9	84.2	86.2	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.4
GE 1800	82.2	84.5	86.6	87.9	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	89.0
GE 1500	83.0	85.4	87.9	89.8	90.7	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2
GE 1200	83.8	86.4	89.0	91.1	92.0	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7
GE 1000	84.0	86.6	89.3	91.5	92.7	92.9	93.2	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.6
GE 900	84.0	86.6	89.4	91.7	92.8	93.1	93.4	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.8
GE 800	84.1	86.7	89.5	91.9	93.1	93.5	93.8	93.9	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.3
GE 700	84.2	86.8	89.8	92.3	93.6	94.0	94.3	94.4	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.9
GE 600	84.3	86.9	89.9	92.5	93.9	94.7	95.0	95.2	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.7
GE 500	84.4	87.0	90.1	92.9	94.6	95.4	95.7	95.9	96.0	96.3	96.4	96.4	96.5	96.5	96.6	96.8
GE 400	84.4	87.1	90.2	93.2	95.0	96.0	96.3	96.6	96.7	97.2	97.3	97.4	97.4	97.4	97.5	97.9
GE 300	84.4	87.1	90.2	93.4	95.4	96.3	96.8	97.2	97.3	97.7	97.9	97.9	98.0	98.0	98.2	98.7
GE 200	84.4	87.1	90.2	93.4	95.5	96.5	97.0	97.4	97.5	98.0	98.2	98.4	98.5	98.6	98.8	99.6
GE 100	84.4	87.1	90.2	93.4	95.5	96.5	97.0	97.4	97.5	98.0	98.2	98.4	98.5	98.6	98.8	99.9
GE 000	84.4	87.1	90.2	93.4	95.5	96.5	97.0	97.4	97.5	98.0	98.3	98.5	98.6	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2082

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.1	55.2	55.2	55.9	56.2	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.9	56.9	57.2	57.6
GE 20000	53.8	57.2	57.2	57.9	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6	59.0	59.0	59.3	59.7
GE 18000	53.8	57.2	57.2	57.9	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6	59.0	59.0	59.3	59.7
GE 16000	53.8	57.2	57.2	57.9	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6	59.0	59.0	59.3	59.7
GE 14000	54.8	58.6	58.6	59.3	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.3	60.3	60.7	61.0
GE 12000	55.9	59.7	59.7	60.3	60.7	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.4	61.4	61.7	62.1
GE 10000	58.6	62.8	62.8	63.4	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.5	64.5	64.8	65.2
GE 9000	58.6	62.8	62.8	63.4	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.5	64.5	64.8	65.2
GE 8000	59.0	63.1	63.1	63.8	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.8	64.8	65.2	65.5
GE 7000	59.3	63.4	63.4	64.1	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	65.2	65.2	65.5	65.9
GE 6000	59.3	63.4	63.4	64.1	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	65.2	65.2	65.5	65.9
GE 5000	59.7	63.8	63.8	64.5	64.8	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.5	65.5	65.9	66.2
GE 4500	60.7	64.8	64.8	65.5	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.6	66.6	66.9	67.2
GE 4000	61.7	66.2	66.2	66.9	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	68.3	68.3	68.6	69.0
GE 3500	63.1	67.6	67.6	68.6	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	70.0	70.0	70.3	70.7
GE 3000	66.2	70.7	70.7	72.1	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.8	73.8	74.1	74.5
GE 2500	67.9	72.8	73.1	74.5	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.6	76.6	76.9	77.2
GE 2000	70.7	75.9	76.2	77.6	79.0	79.0	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.0	80.3	80.7
GE 1800	70.7	75.9	76.6	77.9	79.3	79.3	80.3	80.3	80.3	80.3	80.3	80.3	80.7	80.7	81.0	81.4
GE 1500	72.4	77.9	78.6	80.0	81.4	81.4	82.4	82.4	82.4	82.4	82.4	82.4	82.8	82.8	83.1	83.4
GE 1200	72.8	78.3	79.0	81.4	83.4	83.4	84.5	84.5	84.5	84.5	84.5	84.5	84.8	84.8	85.2	85.5
GE 1000	72.8	78.3	79.0	81.4	83.4	83.8	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5	85.9	86.2
GE 900	72.8	78.3	79.0	81.4	83.4	83.8	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5	85.9	86.2
GE 800	73.1	78.6	79.3	82.1	84.1	84.5	85.9	86.2	86.2	86.2	86.2	86.2	86.6	86.6	86.9	87.2
GE 700	73.1	78.6	79.3	82.4	84.5	84.8	86.2	86.6	86.6	86.6	86.6	86.6	86.9	86.9	87.6	88.3
GE 600	73.1	78.6	79.3	82.4	84.8	85.5	86.9	87.2	87.2	87.2	87.2	87.2	87.6	87.6	88.3	89.0
GE 500	73.4	79.0	80.0	83.4	86.6	87.2	89.0	89.3	89.7	89.7	89.7	89.7	90.0	90.0	90.7	91.4
GE 400	73.4	79.0	80.0	83.4	86.6	87.2	89.0	89.3	89.7	90.0	90.0	90.0	90.3	90.3	91.0	91.7
GE 300	73.8	79.3	80.3	83.8	87.6	88.3	90.0	90.3	91.0	91.7	91.7	92.1	92.4	92.4	93.1	93.8
GE 200	74.1	79.7	80.7	84.1	87.9	88.6	90.3	90.7	91.4	92.4	92.8	93.4	94.8	94.8	95.9	97.9
GE 100	74.1	79.7	80.7	84.1	87.9	88.6	90.3	90.7	91.4	92.4	92.8	93.4	94.8	95.2	96.2	99.3
GE 000	74.1	79.7	80.7	84.1	87.9	88.6	90.3	90.7	91.4	92.4	92.8	93.4	94.8	95.2	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 290

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.8	59.1	59.5	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	62.6	64.0	64.8	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 18000	62.9	64.3	65.1	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 16000	62.9	64.3	65.1	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 14000	64.0	65.6	66.4	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 12000	64.9	66.5	67.2	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 10000	67.8	69.4	70.3	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 9000	68.1	69.7	70.6	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 8000	69.0	70.6	71.5	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 7000	69.1	70.7	71.8	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000	69.3	70.9	71.9	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 5000	70.7	72.3	73.4	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	72.2	73.8	74.8	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	72.9	74.5	75.7	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	74.4	76.1	77.9	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3000	77.0	78.7	80.6	80.9	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	78.7	80.5	82.5	83.0	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2000	81.2	83.6	85.7	86.5	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800	81.2	83.6	85.7	86.5	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	82.8	85.4	88.1	88.8	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200	83.6	86.6	89.4	90.5	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1000	83.8	86.9	90.0	91.1	92.1	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 900	84.0	87.2	90.4	91.8	93.0	93.2	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 800	84.0	87.2	90.7	92.1	93.6	93.7	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 700	84.0	87.3	90.8	92.3	93.9	94.0	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 600	84.3	87.8	91.4	92.9	94.8	94.9	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	84.4	87.9	91.7	93.4	95.5	95.6	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	84.4	87.9	91.7	93.6	95.6	95.8	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 300	84.6	88.1	91.8	93.7	95.9	96.4	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 200	84.6	88.1	91.8	93.7	96.1	96.7	97.5	98.4	98.4	98.5	98.8	98.8	99.1	99.3	99.3	99.4
GE 100	84.6	88.1	91.8	93.7	96.1	96.7	97.5	98.4	98.4	98.5	98.8	98.8	99.1	99.3	99.3	99.9
GE 000	84.6	88.1	91.8	93.7	96.1	96.7	97.5	98.4	98.4	98.5	98.8	98.8	99.1	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 687

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.2	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 20000	69.3	69.9	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 18000	70.2	70.8	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 16000	70.2	70.8	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 14000	71.0	71.6	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 12000	71.3	71.9	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 10000	73.8	74.4	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 9000	74.0	74.6	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	75.6	76.2	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 7000	76.6	77.2	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 6000	76.8	77.4	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 5000	77.5	78.1	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4500	78.6	79.2	79.9	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4000	80.1	80.7	81.4	81.4	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	81.0	82.0	82.9	82.9	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3000	82.9	83.9	85.0	85.0	85.6	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	83.9	85.0	86.5	86.5	87.1	87.1	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	85.7	86.8	88.8	89.0	89.9	89.9	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	86.2	87.2	89.3	89.4	90.3	90.3	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	87.9	89.0	91.5	91.7	92.6	92.7	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	88.8	89.9	92.4	92.6	93.8	93.9	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	89.1	90.3	93.0	93.5	94.8	94.9	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	89.3	90.6	93.5	94.0	95.4	95.7	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 800	89.4	90.8	93.6	94.2	95.5	95.8	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	89.7	91.2	94.0	94.9	96.9	97.2	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	90.0	91.5	94.5	95.4	97.5	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	90.2	91.7	94.8	96.0	98.2	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	90.2	91.7	94.8	96.0	98.2	98.5	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	90.2	91.7	94.9	96.1	98.4	98.7	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	90.2	91.7	94.9	96.1	98.4	98.7	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	90.2	91.7	94.9	96.1	98.4	98.7	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0
GE 000	90.2	91.7	94.9	96.1	98.4	98.7	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 672

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.8	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000	62.4	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 18000	63.9	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 16000	64.0	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 14000	64.5	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 12000	64.8	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 10000	67.8	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	68.1	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 8000	70.3	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 7000	71.1	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 6000	72.1	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000	73.0	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	73.5	74.4	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4000	75.3	76.2	76.8	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	76.8	77.7	78.4	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	79.0	79.9	81.1	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	80.1	81.0	82.3	82.8	82.8	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000	81.6	82.5	84.1	84.9	84.9	84.9	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	81.6	82.5	84.1	84.9	84.9	84.9	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1500	83.1	84.0	85.6	86.4	86.4	86.4	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1200	84.4	85.3	87.0	88.0	88.0	88.0	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1000	85.0	85.9	88.5	89.7	89.7	89.7	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	85.3	86.2	88.8	90.3	90.4	90.4	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	85.8	86.8	89.4	90.9	91.2	91.2	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	86.4	87.6	90.4	92.1	92.5	92.5	93.0	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	87.0	88.2	91.0	92.7	93.1	93.1	93.7	94.0	94.0	94.2	94.3	94.3	94.5	94.5	94.5	94.5
GE 500	88.0	89.7	93.0	95.1	95.7	95.7	96.3	96.6	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.2
GE 400	88.0	89.7	93.1	95.2	96.0	96.0	96.6	97.0	97.2	97.5	97.8	97.8	97.9	97.9	97.9	97.9
GE 300	88.0	89.7	93.3	95.5	96.3	96.3	96.9	97.3	97.5	97.8	98.1	98.1	98.2	98.2	98.4	98.5
GE 200	88.0	89.7	93.3	95.5	96.3	96.3	96.9	97.3	97.5	97.9	98.2	98.2	98.4	98.4	98.5	99.0
GE 100	88.0	89.7	93.3	95.5	96.3	96.3	96.9	97.5	97.6	98.1	98.4	98.4	98.8	98.8	99.0	100.0
GE 000	88.0	89.7	93.3	95.5	96.3	96.3	96.9	97.5	97.6	98.1	98.4	98.4	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.1	59.2	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.1
GE 20000	63.4	64.7	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.7
GE 18000	64.2	65.5	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.5
GE 16000	64.2	65.5	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5
GE 14000	65.0	66.4	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
GE 12000	65.6	67.0	67.5	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0
GE 10000	68.4	69.8	70.4	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9
GE 9000	68.6	70.0	70.6	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1
GE 8000	70.0	71.5	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5
GE 7000	70.6	72.1	72.7	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
GE 6000	71.0	72.5	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.6
GE 5000	72.0	73.4	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5
GE 4500	73.0	74.4	75.1	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.8
GE 4000	74.3	75.7	76.5	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3
GE 3500	75.6	77.2	78.2	78.5	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2
GE 3000	77.9	79.6	80.8	81.2	81.6	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
GE 2500	79.3	81.0	82.4	82.9	83.4	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9
GE 2000	81.3	83.2	85.0	85.6	86.2	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.9
GE 1800	81.4	83.3	85.1	85.8	86.4	86.4	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1
GE 1500	83.1	85.1	87.2	87.8	88.5	88.5	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2
GE 1200	84.0	86.1	88.3	89.2	90.1	90.2	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9
GE 1000	84.3	86.5	89.0	90.2	91.1	91.2	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0
GE 900	84.5	86.8	89.4	90.7	91.8	91.9	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.9
GE 800	84.7	87.0	89.7	91.1	92.3	92.4	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5
GE 700	85.0	87.4	90.2	91.8	93.2	93.4	94.0	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.5	94.6
GE 600	85.3	87.8	90.7	92.2	93.8	94.0	94.8	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.4
GE 500	85.8	88.4	91.5	93.4	95.2	95.4	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.9	97.0
GE 400	85.8	88.4	91.5	93.5	95.3	95.6	96.4	96.8	97.0	97.1	97.2	97.2	97.3	97.3	97.4	97.5
GE 300	85.8	88.5	91.7	93.7	95.7	96.0	96.8	97.3	97.5	97.6	97.8	97.8	97.9	97.9	98.0	98.1
GE 200	85.9	88.5	91.8	93.7	95.8	96.1	96.9	97.4	97.6	97.9	98.1	98.2	98.5	98.6	98.7	99.2
GE 100	85.9	88.5	91.8	93.7	95.8	96.1	96.9	97.5	97.6	97.9	98.2	98.3	98.7	98.7	98.9	99.9
GE 000	85.9	88.5	91.8	93.7	95.8	96.1	96.9	97.5	97.6	97.9	98.2	98.3	98.7	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2316

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	45.6	46.4	47.6	48.1	48.1	48.7	48.7	48.7	48.7	48.7	48.7	49.0	49.0	49.0	49.6
GE 20000	46.1	48.7	50.1	51.3	51.9	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.7	52.7	52.7	53.6
GE 18000	46.4	49.0	50.4	51.6	52.1	52.1	52.7	52.7	52.7	52.7	52.7	52.7	53.0	53.0	53.0	53.9
GE 16000	47.0	49.6	51.0	52.1	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.6	53.6	53.6	54.4
GE 14000	47.6	50.1	51.6	52.7	53.3	53.3	53.9	53.9	53.9	53.9	53.9	53.9	54.2	54.2	54.2	55.0
GE 12000	47.9	50.4	51.9	53.0	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	55.3
GE 10000	50.1	52.7	54.2	55.3	55.9	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.7	56.7	56.7	57.6
GE 9000	50.4	53.0	54.4	55.6	56.2	56.2	56.7	56.7	56.7	56.7	56.7	56.7	57.0	57.0	57.0	57.9
GE 8000	53.6	56.2	57.9	59.0	59.6	59.6	60.2	60.2	60.2	60.2	60.2	60.2	60.5	60.5	60.5	61.3
GE 7000	53.6	56.2	57.9	59.0	59.6	59.6	60.2	60.2	60.2	60.2	60.2	60.2	60.5	60.5	60.5	61.3
GE 6000	53.9	56.4	58.2	59.3	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	61.6
GE 5000	54.7	57.3	59.0	60.2	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.6	61.6	61.6	62.5
GE 4500	55.3	57.9	59.6	60.7	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	62.2	62.2	62.2	63.0
GE 4000	57.0	59.6	61.3	62.5	63.0	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.9	63.9	63.9	64.8
GE 3500	57.0	59.6	61.3	62.5	63.0	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.9	63.9	63.9	64.8
GE 3000	57.9	60.5	62.2	63.3	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.8	64.8	64.8	65.6
GE 2500	58.2	60.7	62.5	63.6	64.2	64.2	64.8	64.8	64.8	64.8	64.8	64.8	65.0	65.0	65.0	65.9
GE 2000	59.6	63.3	65.3	66.5	67.0	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.9	67.9	67.9	68.8
GE 1800	59.9	63.6	65.6	67.0	67.6	67.6	68.2	68.2	68.2	68.2	68.2	68.2	68.5	68.5	68.5	69.3
GE 1500	62.5	67.0	69.3	71.1	71.6	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.5	72.5	72.5	73.4
GE 1200	63.6	68.8	71.1	72.8	73.4	73.4	73.9	73.9	73.9	73.9	73.9	73.9	74.2	74.2	74.2	75.1
GE 1000	63.6	68.8	71.1	73.4	73.9	73.9	74.5	74.5	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.9
GE 900	63.9	69.1	71.3	73.9	74.5	74.5	75.1	75.1	75.6	75.6	75.6	75.6	75.9	75.9	75.9	76.8
GE 800	64.2	69.3	72.2	75.1	75.6	75.6	76.2	76.2	76.8	76.8	76.8	76.8	77.1	77.1	77.1	77.9
GE 700	64.8	70.2	73.1	77.7	78.2	78.2	78.8	78.8	79.4	79.4	79.4	79.4	79.7	79.7	79.7	80.8
GE 600	65.3	71.1	74.2	79.1	80.2	80.8	81.4	81.4	81.9	81.9	82.2	82.2	82.5	82.5	82.5	83.7
GE 500	65.6	71.3	74.5	79.9	82.2	82.8	83.7	83.7	84.2	84.2	84.8	84.8	85.1	85.1	85.1	86.2
GE 400	65.6	71.3	74.5	80.8	83.1	83.7	85.1	85.1	86.0	86.2	87.1	87.4	88.0	88.0	89.1	91.1
GE 300	65.6	71.3	74.8	81.1	83.4	84.0	85.7	85.7	86.5	87.1	88.3	88.5	89.1	89.1	90.5	92.8
GE 200	65.6	71.3	74.8	81.1	83.4	84.5	86.2	86.2	87.4	88.0	89.4	89.7	90.5	90.5	92.3	96.8
GE 100	65.6	71.3	74.8	81.1	83.4	84.5	86.2	86.2	87.4	88.3	89.7	90.0	90.8	90.8	93.1	99.1
GE 000	65.6	71.3	74.8	81.1	83.4	84.5	86.2	86.2	87.4	88.3	89.7	90.0	90.8	90.8	93.1	100.0

TOTAL NUMBER OF OBSERVATIONS 349

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.4	59.9	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	61.7	63.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000	62.0	63.8	65.0	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	62.3	64.1	65.3	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	63.4	65.2	66.5	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	63.8	65.6	67.0	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 10000	66.2	68.2	69.5	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	66.2	68.2	69.5	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 8000	68.0	70.0	71.3	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 7000	68.6	70.6	71.9	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	68.8	70.7	72.1	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 5000	70.7	72.7	74.0	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4500	71.0	73.0	74.3	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4000	72.7	74.9	76.3	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	72.8	75.1	76.4	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	73.4	75.7	77.5	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2500	74.5	76.9	78.7	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2000	76.4	79.4	81.7	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1800	77.3	80.5	82.7	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1500	77.9	81.4	83.6	84.5	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1200	79.1	82.9	85.3	86.3	86.6	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	79.9	83.9	86.8	88.6	88.9	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 900	80.2	84.2	87.5	89.6	89.9	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 800	80.9	85.3	88.6	91.0	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 700	80.9	85.3	88.7	91.3	91.9	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 600	81.2	85.6	89.0	91.9	92.6	93.5	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	81.4	85.7	89.3	92.3	93.4	94.4	94.7	94.7	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	81.4	85.7	89.3	92.6	94.0	95.3	95.6	95.9	96.1	96.5	96.7	96.7	96.7	96.7	97.1	97.3
GE 300	81.4	85.7	89.3	92.8	94.1	95.5	95.9	96.7	97.0	97.6	97.7	97.7	97.7	97.7	98.2	98.3
GE 200	81.4	85.7	89.3	92.9	94.3	95.8	96.2	97.0	97.3	97.9	98.2	98.2	98.5	98.5	99.1	99.4
GE 100	81.4	85.7	89.3	92.9	94.3	95.8	96.2	97.0	97.3	97.9	98.2	98.2	98.6	98.8	99.4	99.8
GE 000	81.4	85.7	89.3	92.9	94.3	95.8	96.2	97.0	97.3	97.9	98.2	98.2	98.6	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 666

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.7	62.9	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 20000	66.7	68.2	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 18000	67.0	68.5	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 16000	67.0	68.5	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 14000	67.5	69.0	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 12000	67.5	69.0	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 10000	70.5	72.1	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 9000	70.5	72.1	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 8000	72.5	74.0	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 7000	73.1	74.7	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 6000	73.1	74.7	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 5000	75.6	77.4	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4500	75.7	77.6	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4000	77.7	79.7	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	78.2	80.2	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	79.1	81.5	83.2	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2500	81.1	83.5	85.2	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	82.3	85.0	86.7	87.0	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800	82.4	85.3	87.0	87.5	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1500	82.9	86.6	88.4	88.9	89.6	89.6	89.6	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	83.4	87.2	89.3	89.8	90.5	90.7	90.7	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	84.1	88.1	90.2	90.7	91.5	91.6	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	84.1	88.1	90.5	91.0	91.8	91.9	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 800	84.7	88.7	91.3	91.8	92.5	92.7	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 700	84.7	88.7	92.2	93.1	94.2	94.4	94.4	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 600	84.7	88.7	92.7	94.4	95.4	95.6	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	84.7	88.9	93.1	95.1	96.5	96.8	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	84.7	88.9	93.1	95.4	97.1	97.4	98.2	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	84.7	88.9	93.1	95.4	97.1	97.4	98.2	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 200	84.7	88.9	93.1	95.6	97.4	97.7	98.5	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	84.7	88.9	93.1	95.6	97.4	97.7	98.5	99.4	99.4	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 000	84.7	88.9	93.1	95.6	97.4	97.7	98.5	99.4	99.4	99.7	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 655

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.3	61.5	62.2	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 20000	65.5	66.8	67.5	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 18000	66.8	68.2	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 16000	66.8	68.2	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 14000	67.5	68.9	69.6	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 12000	67.7	69.1	69.8	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	69.2	70.6	71.5	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	69.8	71.1	72.0	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 8000	71.1	72.7	73.5	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 7000	71.6	73.2	74.1	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	71.8	73.4	74.2	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 5000	72.7	74.2	75.1	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500	73.0	74.9	75.8	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4000	75.4	77.3	78.2	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3500	75.8	77.7	78.5	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	77.0	79.4	80.8	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2500	77.3	79.7	81.1	81.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2000	78.2	80.8	82.1	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1800	79.4	82.1	83.7	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1500	80.9	83.8	85.6	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1200	81.6	84.7	86.8	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1000	82.8	86.8	89.0	90.4	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	83.0	86.9	89.3	90.9	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 800	83.5	87.6	90.4	92.1	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	83.5	87.6	91.2	93.1	93.8	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 600	83.7	87.8	92.1	94.7	95.4	95.4	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	83.7	87.8	92.4	95.2	96.0	96.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	83.7	87.8	92.4	95.2	96.2	96.2	97.6	97.9	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	83.7	87.8	92.4	95.2	96.4	96.4	97.8	98.1	98.1	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	83.7	87.8	92.4	95.2	96.4	96.4	97.8	98.1	98.1	99.1	99.3	99.5	99.5	99.5	99.7	99.8
GE 100	83.7	87.8	92.4	95.2	96.4	96.4	97.8	98.1	98.1	99.1	99.3	99.5	99.5	99.5	99.7	99.8
GE 000	83.7	87.8	92.4	95.2	96.4	96.4	97.8	98.1	98.1	99.1	99.3	99.5	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 582

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.5	59.0	59.9	60.1	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
GE 20000	61.7	63.5	64.4	64.8	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.4
GE 18000	62.3	64.0	65.0	65.4	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9
GE 16000	62.5	64.2	65.2	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.1
GE 14000	63.2	64.9	65.9	66.3	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9
GE 12000	63.4	65.1	66.2	66.6	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.2
GE 10000	65.8	67.5	68.7	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.6
GE 9000	65.9	67.7	68.8	69.2	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.8
GE 8000	67.9	69.7	70.9	71.3	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.9
GE 7000	68.4	70.2	71.4	71.8	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.4
GE 6000	68.5	70.3	71.5	71.9	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.5
GE 5000	70.2	72.1	73.3	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
GE 4500	70.5	72.5	73.7	74.1	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
GE 4000	72.4	74.6	75.8	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.8
GE 3500	72.7	74.8	76.0	76.5	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.1
GE 3000	73.6	76.0	77.6	78.2	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8
GE 2500	74.6	77.0	78.7	79.3	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0
GE 2000	76.0	78.9	80.7	81.3	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
GE 1800	76.6	79.7	81.6	82.3	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.1
GE 1500	77.8	81.3	83.3	84.1	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1
GE 1200	78.6	82.4	84.6	85.6	86.1	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6
GE 1000	79.4	83.5	85.9	87.3	87.9	88.0	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5
GE 900	79.5	83.7	86.4	87.9	88.5	88.6	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.2
GE 800	80.1	84.4	87.3	89.0	89.6	89.7	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.3
GE 700	80.2	84.5	88.0	90.2	90.9	91.1	91.3	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.8
GE 600	80.4	84.8	88.6	91.3	92.2	92.6	92.9	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.5
GE 500	80.5	84.9	88.9	92.0	93.3	93.7	94.4	94.4	94.6	94.7	94.8	94.8	94.9	94.9	94.9	95.1
GE 400	80.5	84.9	88.9	92.3	93.8	94.4	95.2	95.7	95.9	96.3	96.4	96.5	96.6	96.6	96.9	97.3
GE 300	80.5	84.9	89.0	92.4	93.9	94.5	95.5	96.0	96.3	96.8	97.1	97.1	97.2	97.2	97.6	98.0
GE 200	80.5	84.9	89.0	92.5	94.0	94.8	95.7	96.3	96.6	97.2	97.6	97.6	97.9	97.9	98.4	99.2
GE 100	80.5	84.9	89.0	92.5	94.0	94.8	95.7	96.3	96.6	97.2	97.6	97.7	98.0	98.0	98.7	99.8
GE 000	80.5	84.9	89.0	92.5	94.0	94.8	95.7	96.3	96.6	97.2	97.6	97.7	98.0	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2252

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.5	38.6	40.0	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.6	40.9	40.9	40.9
GE 20000	40.2	41.3	42.7	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.3	43.6	43.6	43.6
GE 18000	40.2	41.3	42.7	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.3	43.6	43.6	43.6
GE 16000	40.2	41.3	42.7	42.9	2.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.3	43.6	43.6	43.6
GE 14000	40.2	41.3	42.7	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.3	43.6	43.6	43.6
GE 12000	40.6	41.8	43.3	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.0	44.2	44.2	44.2
GE 10000	41.3	42.4	44.0	44.2	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.7	44.9	44.9	44.9
GE 9000	41.3	42.4	44.0	44.2	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.7	44.9	44.9	44.9
GE 8000	41.8	42.9	44.5	44.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.4	45.4	45.4
GE 7000	41.8	42.9	44.5	44.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.4	45.4	45.4
GE 6000	41.8	42.9	44.5	44.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.4	45.4	45.4
GE 5000	42.9	44.0	45.6	46.0	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.5	46.7	46.7	46.7
GE 4500	42.9	44.0	45.6	46.0	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.5	46.7	46.7	46.7
GE 4000	43.3	44.5	46.0	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	47.0	47.2	47.2	47.2
GE 3500	43.3	44.5	46.0	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	47.0	47.2	47.2	47.2
GE 3000	44.2	45.4	47.0	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.9	48.1	48.1	48.1
GE 2500	44.5	45.6	47.4	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.3	48.5	48.5	48.5
GE 2000	47.4	48.8	50.6	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.5	51.7	51.7	51.7
GE 1800	48.8	50.1	51.9	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3	53.5	53.5	53.5
GE 1500	50.1	51.7	53.5	54.4	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1	55.3	55.3	55.3
GE 1200	53.5	55.5	57.6	58.7	58.9	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.6	59.8	59.8	60.0
GE 1000	55.5	58.0	60.5	62.1	62.5	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.2	63.4	63.4	63.7
GE 900	56.4	59.1	61.6	63.2	63.9	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.6	64.8	64.8	65.0
GE 800	56.4	59.8	62.5	64.6	65.9	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.6	66.8	66.8	67.0
GE 700	56.9	60.5	63.2	65.5	67.5	67.7	68.2	68.4	68.4	68.6	68.8	68.8	69.1	69.3	69.5	69.8
GE 600	56.9	60.5	63.4	66.1	68.6	68.8	69.3	69.8	70.2	70.9	71.3	71.3	71.8	72.0	72.5	72.7
GE 500	57.1	60.7	63.9	67.9	70.7	71.8	72.2	73.1	73.6	74.3	74.7	74.7	75.4	75.8	76.5	76.7
GE 400	57.6	61.2	64.8	70.2	75.2	76.3	77.4	78.8	79.7	80.4	81.0	81.0	81.9	82.4	83.1	85.1
GE 300	57.6	61.2	64.8	70.7	76.1	77.4	79.0	81.0	81.9	82.8	84.2	84.2	85.3	85.8	86.7	89.8
GE 200	57.6	61.2	64.8	70.7	77.0	78.3	80.4	82.6	84.2	85.3	87.1	87.1	88.9	89.6	91.0	94.8
GE 100	57.6	61.2	64.8	70.7	77.0	78.3	80.4	82.8	84.4	85.6	88.3	88.3	90.5	91.4	93.5	99.5
GE 000	57.6	61.2	64.8	70.7	77.0	78.3	80.4	82.8	84.4	85.6	88.3	88.3	90.5	91.4	93.5	100.0

TOTAL NUMBER OF OBSERVATIONS 443

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 AUG 89
MONTH: MAY HOURS: 09-11

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.1	54.5	55.3	55.3	55.3	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 20000	57.0	58.7	59.6	59.6	59.6	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	57.0	58.8	59.7	59.7	59.7	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 16000	57.0	58.8	59.7	59.7	59.7	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	57.0	58.8	59.7	59.9	59.9	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 12000	57.3	59.1	60.0	60.2	60.2	6.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 10000	58.3	60.2	61.1	61.3	61.3	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 9000	58.3	60.2	61.1	61.3	61.3	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 8000	58.3	60.2	61.1	61.3	61.3	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	58.8	60.6	61.6	61.7	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 6000	58.8	60.6	61.6	61.7	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 5000	59.9	61.7	62.6	62.8	62.8	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 4500	59.9	61.7	62.6	62.8	62.8	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 4000	60.2	62.0	62.9	63.1	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 3500	60.3	62.2	63.1	63.2	63.2	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 3000	61.9	63.7	64.6	64.8	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 2500	64.0	65.8	66.8	66.9	66.9	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 2000	66.6	68.5	69.4	69.7	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 1800	67.2	69.1	70.0	70.3	70.3	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 1500	69.1	70.9	72.1	72.6	72.6	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 1200	72.0	74.1	75.5	76.3	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1000	73.0	75.8	77.8	78.6	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 900	74.4	77.9	80.9	81.9	82.2	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 800	74.7	78.9	82.1	83.6	84.1	84.2	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 700	75.0	79.5	83.5	85.6	86.2	86.4	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 600	75.2	80.1	84.7	87.3	88.1	88.4	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 500	75.2	80.4	85.1	88.8	90.0	90.8	91.1	91.9	91.9	91.9	92.0	92.0	92.2	92.2	92.2	92.2
GE 400	75.2	80.4	85.3	89.6	91.3	92.2	92.6	93.7	93.9	93.9	94.2	94.5	94.6	94.6	94.8	94.9
GE 300	75.2	80.4	85.3	89.7	91.4	92.5	93.0	94.0	94.3	94.9	95.3	95.6	95.9	96.3	96.5	96.6
GE 200	75.2	80.4	85.3	89.7	91.7	93.0	93.4	94.6	95.1	96.2	96.9	97.4	97.7	98.2	98.6	99.5
GE 100	75.2	80.4	85.3	89.7	91.7	93.0	93.6	94.8	95.3	96.3	97.1	97.5	97.9	98.5	98.9	100.0
GE 000	75.2	80.4	85.3	89.7	91.7	93.0	93.6	94.8	95.3	96.3	97.1	97.5	97.9	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 653

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.6	58.0	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 20000	61.9	63.4	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	61.9	63.7	65.6	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000	61.9	63.7	65.6	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	62.2	64.2	66.0	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 12000	63.0	65.0	66.8	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	64.4	66.4	68.2	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 9000	64.4	66.4	68.2	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 8000	64.4	66.4	68.2	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 7000	64.4	66.4	68.2	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 6000	64.4	66.4	68.2	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 5000	64.8	66.8	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4500	64.8	66.8	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4000	65.4	67.4	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 3500	66.2	68.2	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 3000	67.6	69.6	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 2500	69.8	71.8	73.6	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 2000	71.5	73.6	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1800	71.9	74.1	75.9	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1500	73.1	75.3	77.3	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1200	75.9	78.7	80.9	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1000	77.3	81.2	83.8	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 900	78.5	82.6	86.1	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 800	79.8	84.3	88.1	90.7	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 700	80.1	84.9	88.9	92.1	93.1	93.1	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	80.2	85.0	89.5	93.8	94.8	94.8	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	80.4	85.3	90.1	94.9	96.1	96.1	97.1	97.5	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 400	80.6	85.5	90.6	95.4	96.9	96.9	97.8	98.5	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.1
GE 300	80.6	85.5	90.6	95.4	97.1	97.1	98.1	98.9	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 200	80.6	85.5	90.6	95.4	97.1	97.1	98.1	98.9	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	80.6	85.5	90.6	95.4	97.1	97.1	98.1	98.9	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	80.6	85.5	90.6	95.4	97.1	97.1	98.1	98.9	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 648

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.5	56.0	56.6	57.2	57.4	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 20000	60.4	62.3	63.3	63.9	64.2	64.2	64.2	64.4	64.4	64.4	4.4	64.4	64.4	64.4	64.4	64.4
GE 18000	60.8	62.7	63.7	64.4	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	60.8	62.7	63.7	64.4	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000	61.0	62.9	63.9	64.6	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 12000	61.6	63.5	64.6	65.2	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000	62.9	64.8	65.8	66.5	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 9000	62.9	64.8	65.8	66.5	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 8000	63.1	65.0	66.0	66.7	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 7000	63.5	65.4	66.5	67.1	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 6000	63.5	65.4	66.5	67.1	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 5000	64.6	66.5	67.5	68.1	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4500	64.6	66.5	67.5	68.1	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4000	65.0	66.9	67.9	68.6	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 3500	65.6	67.5	68.6	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 3000	66.9	68.8	69.8	70.4	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 2500	67.7	69.6	70.6	71.3	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 2000	68.3	70.2	71.3	71.9	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 1800	69.4	71.3	72.3	73.0	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 1500	70.6	73.0	74.2	74.8	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1200	73.4	76.1	77.4	78.0	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 1000	76.9	80.1	81.8	82.4	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 900	78.0	82.0	83.6	84.7	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 800	78.6	83.0	85.1	87.2	87.8	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 700	79.7	84.9	88.1	91.0	91.6	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	79.9	85.5	88.9	93.5	94.3	94.8	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 500	80.3	86.0	89.5	95.0	95.8	96.6	97.3	97.7	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9
GE 400	80.5	86.2	89.9	95.6	96.6	97.5	98.3	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 300	80.5	86.2	89.9	95.6	96.6	97.5	98.7	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8
GE 200	80.5	86.2	89.9	95.6	96.9	97.7	99.0	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 100	80.5	86.2	89.9	95.6	96.9	97.7	99.0	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 000	80.5	86.2	89.9	95.6	96.9	97.7	99.0	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 477

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.3	52.7	53.8	53.9	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3
GE 20000	55.8	57.4	58.7	58.8	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2
GE 18000	55.9	57.6	58.9	59.1	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5
GE 16000	55.9	57.6	58.9	59.1	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5
GE 14000	56.0	57.8	59.1	59.3	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7
GE 12000	56.6	58.3	59.7	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 10000	57.7	59.4	60.8	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5
GE 9000	57.7	59.4	60.8	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5
GE 8000	57.8	59.6	60.9	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6
GE 7000	58.0	59.8	61.1	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8
GE 6000	58.0	59.8	61.1	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8
GE 5000	58.9	60.7	62.0	62.4	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8
GE 4500	58.9	60.7	62.0	62.4	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8
GE 4000	59.4	61.1	62.5	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2
GE 3500	59.8	61.5	62.9	63.3	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6
GE 3000	61.1	62.9	64.2	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9
GE 2500	62.6	64.3	65.7	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5
GE 2000	64.6	66.4	67.8	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6
GE 1800	65.4	67.2	68.6	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6
GE 1500	66.8	68.8	70.4	71.0	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5
GE 1200	69.7	72.2	73.9	74.7	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4
GE 1000	71.6	74.7	76.9	78.1	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8
GE 900	72.8	76.4	79.2	80.6	81.1	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5
GE 800	73.4	77.5	80.6	82.7	83.4	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9
GE 700	73.9	78.4	82.0	84.6	85.6	85.8	86.0	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.6	86.6
GE 600	74.0	78.8	82.8	86.3	87.5	87.7	88.1	88.6	88.7	88.8	88.9	88.9	89.0	89.1	89.1	89.2
GE 500	74.2	79.1	83.3	87.8	89.2	89.8	90.4	91.0	91.1	91.4	91.5	91.5	91.8	91.9	92.0	92.0
GE 400	74.4	79.3	83.7	88.7	90.9	91.5	92.3	93.2	93.5	93.7	94.0	94.1	94.4	94.5	94.6	95.1
GE 300	74.4	79.3	83.7	88.8	91.1	91.9	92.9	94.0	94.3	94.8	95.1	95.2	95.7	95.9	96.1	96.8
GE 200	74.4	79.3	83.7	88.8	91.4	92.3	93.4	94.6	95.0	95.7	96.4	96.5	97.1	97.3	97.7	98.8
GE 100	74.4	79.3	83.7	88.8	91.4	92.3	93.4	94.6	95.1	95.8	96.7	96.8	97.5	97.8	98.4	99.9
GE 000	74.4	79.3	83.7	88.8	91.4	92.3	93.4	94.6	95.1	95.8	96.7	96.8	97.5	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2221

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.3	26.6	28.4	29.1	29.3	29.5	29.7	29.7	29.7	29.7	29.7	29.7	30.2	30.2	30.2	30.4
GE 20000	25.2	27.5	29.3	30.0	30.2	30.4	30.6	30.6	30.6	30.6	30.6	30.6	31.1	31.1	31.1	31.3
GE 18000	25.2	27.5	29.3	30.0	30.2	30.4	30.6	30.6	30.6	30.6	30.6	30.6	31.1	31.1	31.1	31.3
GE 16000	25.2	27.5	29.3	30.0	30.2	30.4	30.6	30.6	30.6	30.6	30.6	30.6	31.1	31.1	31.1	31.3
GE 14000	25.2	27.5	29.3	30.0	30.2	30.4	30.6	30.6	30.6	30.6	30.6	30.6	31.1	31.1	31.1	31.3
GE 12000	25.2	27.5	29.3	30.0	30.2	30.4	30.6	30.6	30.6	30.6	30.6	30.6	31.1	31.1	31.1	31.3
GE 10000	25.5	27.7	29.5	30.2	30.4	30.6	30.9	30.9	30.9	30.9	30.9	30.9	31.3	31.3	31.3	31.5
GE 9000	25.5	27.7	29.5	30.2	30.4	30.6	30.9	30.9	30.9	30.9	30.9	30.9	31.3	31.3	31.3	31.5
GE 8000	25.7	28.2	30.0	30.6	30.9	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.8	31.8	31.8	32.0
GE 7000	25.7	28.2	30.0	30.6	30.9	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.8	31.8	31.8	32.0
GE 6000	25.7	28.2	30.0	30.6	30.9	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.8	31.8	31.8	32.0
GE 5000	25.7	28.2	30.0	30.6	30.9	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.8	31.8	31.8	32.0
GE 4500	25.7	28.2	30.0	30.6	30.9	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.8	31.8	31.8	32.0
GE 4000	25.7	28.2	30.0	30.6	30.9	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.8	31.8	31.8	32.0
GE 3500	26.4	28.8	30.6	31.3	31.5	31.8	32.0	32.0	32.0	32.0	32.0	32.0	32.4	32.4	32.4	32.7
GE 3000	26.6	29.1	30.9	31.5	31.8	32.0	32.2	32.2	32.2	32.2	32.2	32.2	32.7	32.7	32.7	32.9
GE 2500	27.0	29.5	31.3	32.0	32.2	32.4	32.7	32.7	32.7	32.7	32.7	32.7	33.1	33.1	33.1	33.3
GE 2000	29.5	32.2	34.0	34.7	34.9	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.8	35.8	35.8	36.0
GE 1800	30.0	32.7	34.9	35.6	35.8	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.7	36.7	36.7	36.9
GE 1500	33.8	36.5	38.7	39.4	39.6	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.5	40.5	40.5	40.8
GE 1200	35.8	38.7	41.2	41.9	42.1	42.3	42.6	42.6	42.6	42.6	42.6	42.6	43.0	43.0	43.0	43.2
GE 1000	39.6	43.0	46.2	47.3	47.5	48.0	48.2	48.4	48.4	48.4	48.4	48.4	48.9	48.9	48.9	49.1
GE 900	41.0	45.0	48.4	49.8	50.0	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.6	51.6	51.6	51.8
GE 800	42.6	46.8	50.7	52.7	52.9	53.4	53.8	54.1	54.1	54.1	54.1	54.1	54.5	54.5	54.5	54.7
GE 700	44.1	49.1	53.6	57.7	58.3	59.0	59.5	59.7	59.7	59.7	59.7	59.7	60.1	60.1	60.1	60.4
GE 600	45.9	52.3	57.7	62.4	64.4	65.3	66.2	66.4	66.7	66.7	66.7	66.7	67.3	67.3	67.6	67.8
GE 500	46.6	53.2	59.2	65.8	69.4	70.7	72.1	72.5	73.0	73.2	73.2	73.2	74.1	74.1	75.0	75.5
GE 400	46.6	53.2	59.5	66.9	71.6	73.4	75.5	76.6	77.0	77.5	78.4	78.4	79.3	79.7	81.1	82.7
GE 300	47.1	53.6	59.9	68.5	73.6	75.9	79.1	80.4	81.1	82.4	83.3	83.6	84.7	85.1	87.4	89.4
GE 200	47.1	53.6	59.9	68.7	74.1	76.6	80.0	81.5	82.4	84.2	85.8	86.0	87.6	88.3	91.7	96.4
GE 100	47.1	53.6	59.9	68.7	74.1	76.6	80.0	81.5	82.7	84.5	86.3	86.5	88.3	89.0	93.0	99.3
GE 000	47.1	53.6	59.9	68.7	74.1	76.6	80.0	81.5	82.7	84.5	86.3	86.5	88.3	89.0	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS 444

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 20000	46.7	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 18000	46.7	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 16000	46.7	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 14000	46.7	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 12000	47.0	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 10000	47.9	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 9000	47.9	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 8000	48.4	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 7000	48.5	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 6000	48.5	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 5000	48.5	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 4500	48.7	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 4000	48.7	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 3500	48.7	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 3000	49.9	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 2500	50.9	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 2000	52.7	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 1800	54.0	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 1500	56.8	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 1200	62.3	66.0	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 1000	65.7	70.3	71.4	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 900	68.2	73.2	74.7	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 800	69.4	75.4	77.2	78.4	78.8	79.0	79.0	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3
GE 700	71.4	77.8	80.3	82.1	83.3	83.4	83.6	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9
GE 600	72.3	78.8	82.1	84.8	86.4	86.5	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 500	73.2	79.9	83.4	87.6	89.8	90.2	91.0	91.3	91.3	91.3	91.6	91.6	91.7	91.9	91.9	92.0
GE 400	73.4	80.0	84.2	88.6	91.7	92.2	93.8	94.5	94.5	94.5	94.8	94.8	95.0	95.1	95.1	95.3
GE 300	73.4	80.2	84.3	88.9	92.2	92.9	94.8	95.9	96.0	96.3	96.7	96.9	97.3	97.8	98.1	98.2
GE 200	73.4	80.2	84.3	88.9	92.2	93.0	95.0	96.0	96.2	96.7	97.5	97.6	98.4	98.8	99.1	99.3
GE 100	73.4	80.2	84.3	88.9	92.2	93.0	95.0	96.0	96.2	96.9	97.8	97.9	98.8	99.3	99.7	99.9
GE 000	73.4	80.2	84.3	88.9	92.2	93.0	95.0	96.0	96.2	96.9	97.8	97.9	98.8	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 676

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 9 - AUG 89
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.1	58.5	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 20000	62.0	62.4	63.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 18000	62.1	62.9	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 16000	62.4	63.2	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 14000	62.9	63.7	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 12000	62.9	63.7	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 10000	63.7	64.4	65.0	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 9000	63.7	64.4	65.0	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 8000	63.8	64.6	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000	63.8	64.6	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 6000	63.8	64.6	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 5000	64.0	64.7	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 4500	64.1	64.9	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 4000	64.1	64.9	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 3500	64.1	64.9	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 3000	64.9	65.6	66.2	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 2500	66.4	67.1	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 2000	67.4	68.2	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 1800	69.1	69.8	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 1500	71.6	72.7	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 1200	77.7	79.0	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1000	83.4	85.7	86.4	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 900	85.2	87.6	88.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 800	86.7	89.6	90.6	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 700	88.4	91.4	92.8	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	89.0	92.2	93.8	96.2	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	89.6	93.1	95.3	97.9	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	89.7	93.2	95.5	98.0	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	89.9	93.5	95.8	98.3	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	90.0	93.7	95.9	98.5	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.0	93.7	95.9	98.5	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.0	93.7	95.9	98.5	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.0	54.2	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	57.3	57.7	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 18000	57.3	57.7	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 16000	57.5	57.9	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 14000	57.7	58.1	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 12000	57.7	58.1	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 10000	58.4	58.8	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 9000	58.6	59.0	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 8000	58.8	59.2	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 7000	58.8	59.2	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 6000	58.8	59.2	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 5000	58.8	59.2	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 4500	58.8	59.2	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 4000	58.8	59.2	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 3500	58.8	59.2	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 3000	58.8	59.2	60.1	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 2500	60.1	60.5	61.4	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 2000	61.0	61.4	62.3	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 1800	61.8	62.3	63.1	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 1500	66.8	67.2	68.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 1200	72.9	73.5	74.4	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 1000	79.8	81.3	82.2	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 900	83.5	85.5	86.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 800	85.7	88.5	90.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	87.2	90.5	92.8	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	88.5	91.8	94.1	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	89.6	93.1	95.4	97.2	97.2	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	89.8	93.3	95.7	97.6	97.8	97.8	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	89.8	93.3	95.7	97.6	98.0	98.0	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	90.0	93.5	95.9	97.8	98.3	98.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.0	93.5	95.9	97.8	98.3	98.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.0	93.5	95.9	97.8	98.3	98.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 461

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.7	48.0	48.6	48.9	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2
GE 20000	49.2	50.5	51.2	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.9
GE 18000	49.2	50.7	51.4	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0
GE 16000	49.3	50.8	51.6	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.2
GE 14000	49.5	51.0	51.7	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.4
GE 12000	49.6	51.1	51.8	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.5
GE 10000	50.3	51.7	52.5	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
GE 9000	50.3	51.8	52.5	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.2
GE 8000	50.6	52.1	52.9	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.5
GE 7000	50.6	52.1	52.9	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5
GE 6000	50.6	52.1	52.9	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5
GE 5000	50.7	52.2	52.9	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.6
GE 4500	50.8	52.3	53.0	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.7
GE 4000	50.8	52.3	53.0	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.7
GE 3500	50.9	52.4	53.2	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8
GE 3000	51.5	53.0	53.8	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5
GE 2500	52.6	54.1	54.9	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.7
GE 2000	54.1	55.7	56.5	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
GE 1800	55.3	56.9	57.8	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6
GE 1500	58.7	60.4	61.4	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1
GE 1200	63.8	66.0	67.0	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.9
GE 1000	68.7	71.7	73.1	73.8	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
GE 900	71.0	74.4	75.9	76.9	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
GE 800	72.5	76.6	78.6	79.9	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7
GE 700	74.3	78.7	81.3	83.5	84.1	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.8
GE 600	75.4	80.2	83.2	86.0	87.1	87.3	87.7	87.8	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1
GE 500	76.2	81.2	84.6	88.3	89.9	90.3	91.0	91.2	91.3	91.4	91.4	91.4	91.7	91.7	91.9	92.0
GE 400	76.3	81.3	85.0	88.9	91.1	91.7	92.8	93.4	93.4	93.5	93.8	93.8	94.0	94.2	94.4	94.8
GE 300	76.4	81.6	85.2	89.4	91.8	92.5	94.0	94.7	94.9	95.3	95.6	95.7	96.0	96.3	96.8	97.2
GE 200	76.5	81.6	85.3	89.6	92.0	92.8	94.3	95.0	95.3	95.9	96.4	96.5	97.1	97.3	98.1	99.1
GE 100	76.5	81.6	85.3	89.6	92.0	92.8	94.3	95.0	95.3	96.0	96.6	96.7	97.3	97.6	98.5	99.8
GE 000	76.5	81.6	85.3	89.6	92.0	92.8	94.3	95.0	95.3	96.0	96.6	96.7	97.3	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2244

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.7	17.4	18.1	18.1	19.0	19.0	19.0	19.0	19.0	19.2	19.2	19.2	19.2	19.2	19.2	19.4
GE 20000	17.6	18.3	19.2	19.2	20.1	20.1	20.1	20.1	20.1	20.4	20.4	20.4	20.4	20.4	20.4	20.6
GE 18000	17.6	18.3	19.2	19.2	20.1	20.1	20.1	20.1	20.1	20.4	20.4	20.4	20.4	20.4	20.4	20.6
GE 16000	17.6	18.3	19.2	19.2	20.1	20.1	20.1	20.1	20.1	20.4	20.4	20.4	20.4	20.4	20.4	20.6
GE 14000	17.6	18.3	19.2	19.4	20.4	20.4	20.4	20.4	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.8
GE 12000	18.1	18.8	19.7	19.9	20.8	20.8	20.8	20.8	20.8	21.1	21.1	21.1	21.1	21.1	21.1	21.3
GE 10000	19.7	20.4	21.3	21.8	22.9	22.9	22.9	22.9	22.9	23.1	23.1	23.1	23.1	23.1	23.1	23.4
GE 9000	20.1	20.8	21.8	22.2	23.4	23.4	23.4	23.4	23.4	23.6	23.6	23.6	23.6	23.6	23.6	23.8
GE 8000	20.1	20.8	21.8	22.2	23.4	23.4	23.4	23.4	23.4	23.6	23.6	23.6	23.6	23.6	23.6	23.8
GE 7000	20.1	20.8	21.8	22.2	23.4	23.4	23.4	23.4	23.4	23.6	23.6	23.6	23.6	23.6	23.6	23.8
GE 6000	20.1	20.8	21.8	22.2	23.4	23.4	23.4	23.4	23.4	23.6	23.6	23.6	23.6	23.6	23.6	23.8
GE 5000	20.1	20.8	21.8	22.5	23.6	23.6	23.6	23.8	23.8	24.1	24.1	24.1	24.1	24.1	24.1	24.3
GE 4500	20.1	20.8	21.8	22.5	23.6	23.6	23.6	23.8	23.8	24.1	24.1	24.1	24.1	24.1	24.1	24.3
GE 4000	20.1	20.8	21.8	22.5	23.6	23.6	23.6	23.8	23.8	24.1	24.1	24.1	24.1	24.1	24.1	24.3
GE 3500	20.1	20.8	21.8	22.5	23.6	23.6	23.6	23.8	23.8	24.1	24.1	24.1	24.1	24.1	24.1	24.3
GE 3000	20.1	20.8	21.8	22.5	23.6	23.6	23.6	23.8	23.8	24.1	24.1	24.1	24.1	24.1	24.1	24.3
GE 2500	20.6	21.3	22.2	22.9	24.1	24.1	24.1	24.3	24.3	24.5	24.5	24.5	24.5	24.5	24.5	24.8
GE 2000	21.8	22.5	23.6	24.3	25.5	25.7	25.7	26.2	26.2	26.4	26.4	26.4	26.4	26.4	26.4	26.6
GE 1800	21.8	22.5	23.6	24.3	25.5	25.7	25.7	26.2	26.2	26.4	26.4	26.4	26.4	26.4	26.4	26.6
GE 1500	22.7	23.4	24.8	25.7	26.9	27.1	27.1	27.5	27.5	27.8	27.8	27.8	27.8	27.8	27.8	28.0
GE 1200	23.6	24.3	25.7	26.9	28.0	28.2	28.2	28.7	28.7	28.9	28.9	28.9	28.9	28.9	28.9	29.2
GE 1000	26.2	26.9	28.2	29.6	30.8	31.0	31.0	31.5	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.9
GE 900	28.2	29.2	31.0	33.1	34.3	34.5	34.5	35.0	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.4
GE 800	29.9	31.5	33.6	35.6	36.8	37.0	37.0	37.5	37.5	37.7	37.7	37.7	37.7	37.7	37.7	38.0
GE 700	30.1	32.4	34.5	37.0	38.2	38.9	39.1	39.6	39.6	39.8	40.0	40.0	40.0	40.0	40.0	40.3
GE 600	31.0	33.8	36.3	39.4	41.2	41.9	42.4	43.1	43.1	43.3	44.0	44.0	44.0	44.0	44.4	44.7
GE 500	31.3	34.7	38.0	42.8	45.8	47.2	47.7	48.6	48.6	48.8	49.5	49.5	49.8	50.0	50.7	50.9
GE 400	31.3	35.0	38.7	44.4	49.1	51.2	53.0	56.0	56.0	56.7	58.1	58.1	58.3	59.3	60.2	60.9
GE 300	31.3	35.0	38.7	44.4	51.2	53.9	57.4	63.0	63.4	66.7	69.7	69.9	71.5	73.4	76.2	78.7
GE 200	31.3	35.0	38.7	44.4	51.4	54.4	58.1	64.4	65.0	69.2	73.4	73.8	77.1	80.1	86.6	92.6
GE 100	31.3	35.0	38.7	44.4	51.4	54.4	58.1	64.4	65.0	69.2	73.6	74.1	78.0	81.5	89.4	99.8
GE 000	31.3	35.0	38.7	44.4	51.4	54.4	58.1	64.4	65.0	69.2	73.6	74.1	78.0	81.5	89.4	100.0

TOTAL NUMBER OF OBSERVATIONS 432

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.2	43.7	44.6	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 20000	41.3	44.8	46.1	46.1	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 18000	41.6	45.1	46.4	46.4	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 16000	41.6	45.1	46.4	46.4	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 14000	41.7	45.2	46.6	46.6	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 12000	42.6	46.1	47.5	47.6	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 10000	44.9	48.4	49.8	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 9000	45.2	48.7	50.1	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 8000	45.2	48.7	50.1	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 7000	45.2	48.7	50.1	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 6000	45.2	48.7	50.1	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 5000	45.5	49.0	50.4	50.5	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 4500	45.5	49.0	50.4	50.5	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 4000	45.5	49.0	50.4	50.5	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 3500	45.5	49.0	50.4	50.5	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 3000	45.5	49.0	50.5	50.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 2500	45.5	49.0	50.5	50.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 2000	46.3	50.1	52.0	52.2	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 1800	46.7	50.5	52.5	52.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 1500	48.3	52.2	54.2	54.3	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 1200	51.6	56.0	58.0	58.1	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 1000	54.8	59.9	62.5	63.0	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 900	56.0	61.8	65.4	66.3	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 800	56.9	63.7	67.7	68.9	70.1	70.3	70.3	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9
GE 700	58.1	66.0	71.2	74.1	76.2	76.6	76.8	77.2	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5
GE 600	58.6	66.8	73.0	77.1	79.4	79.8	80.1	80.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9
GE 500	58.7	67.1	73.9	80.4	83.8	84.7	85.0	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3
GE 400	58.7	67.1	74.2	81.9	87.3	89.1	90.0	91.2	91.4	91.5	92.1	92.1	92.1	92.1	92.1	92.3
GE 300	59.0	67.4	74.7	82.7	88.6	90.7	92.3	93.9	94.1	95.1	96.4	96.4	97.0	97.1	97.1	97.3
GE 200	59.0	67.4	74.7	82.9	88.8	90.9	92.4	94.2	94.5	95.9	97.6	98.0	98.9	99.1	99.4	99.7
GE 100	59.0	67.4	74.7	82.9	88.8	90.9	92.4	94.2	94.5	95.9	97.6	98.0	98.9	99.1	99.5	100.0
GE 000	59.0	67.4	74.7	82.9	88.8	90.9	92.4	94.2	94.5	95.9	97.6	98.0	98.9	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 659

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.8	63.7	65.6	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 20000	60.8	65.1	67.0	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	61.4	65.7	67.6	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	61.4	65.7	67.6	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 14000	61.6	65.9	67.7	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 12000	62.5	67.1	69.0	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 10000	64.8	69.4	71.3	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 9000	64.8	69.4	71.3	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 8000	65.0	69.6	71.4	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 7000	65.0	69.6	71.4	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	65.1	69.7	71.6	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000	65.4	70.0	71.9	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 4500	65.4	70.0	71.9	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 4000	65.4	70.2	72.0	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3500	65.4	70.2	72.0	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3000	65.4	70.2	72.0	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 2500	65.9	70.7	72.5	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 2000	66.4	71.1	73.0	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 1800	66.5	71.3	73.1	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 1500	68.7	73.4	75.4	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 1200	71.7	76.8	79.0	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1000	75.0	80.5	83.6	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 900	76.7	82.5	85.9	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 800	77.6	84.0	87.9	88.6	88.6	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 700	78.8	85.7	90.0	91.1	91.1	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 600	79.1	86.6	91.6	92.9	93.7	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 500	79.6	87.3	92.3	94.6	95.9	96.3	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	79.7	87.4	92.9	95.5	97.4	97.8	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	79.7	87.4	93.1	96.0	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.7	87.4	93.1	96.0	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.7	87.4	93.1	96.0	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.7	87.4	93.1	96.0	98.2	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 651

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.7	56.4	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 20000	54.6	58.0	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 18000	55.3	58.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 16000	55.3	58.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 14000	55.3	58.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 12000	55.7	59.1	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 10000	57.5	61.1	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 9000	57.5	61.1	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 8000	57.8	61.3	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 7000	57.8	61.3	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 6000	58.2	61.8	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 5000	58.4	62.0	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 4500	58.4	62.0	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 4000	58.4	62.0	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 3500	58.4	62.0	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	3.6	63.6	63.6	63.6	63.6	63.6
GE 3000	58.7	62.2	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 2500	58.9	62.5	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 2000	59.1	62.7	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 1800	59.6	63.1	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 1500	61.8	65.4	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 1200	65.8	69.4	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 1000	69.7	73.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 900	71.9	76.2	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 800	76.2	81.3	84.0	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 700	77.8	83.4	87.0	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 600	78.4	85.4	89.4	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 500	79.6	87.0	91.9	94.4	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 400	80.0	87.4	92.4	95.5	96.9	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	80.0	87.4	92.6	96.2	97.8	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9
GE 200	80.0	87.4	92.6	96.2	97.8	98.2	98.7	98.7	99.1	99.1	99.3	99.3	99.6	99.6	99.8	99.8
GE 100	80.0	87.4	92.6	96.2	97.8	98.2	98.9	98.9	99.3	99.3	99.6	99.6	99.8	100.0	100.0	100.0
GE 000	80.0	87.4	92.6	96.2	97.8	98.2	98.9	98.9	99.3	99.3	99.6	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 445

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.1	47.1	48.2	48.4	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 20000	45.1	48.3	49.7	49.9	50.1	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 18000	45.5	48.7	50.1	50.3	50.5	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 16000	45.5	48.7	50.1	50.3	50.5	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 14000	45.6	48.8	50.2	50.4	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 12000	46.4	49.6	51.0	51.3	51.5	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 10000	48.4	51.7	53.1	53.5	53.7	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 9000	48.6	51.9	53.3	53.6	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1
GE 8000	48.7	52.0	53.4	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
GE 7000	48.7	52.0	53.4	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
GE 6000	48.8	52.1	53.5	53.9	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 5000	49.1	52.4	53.8	54.1	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 4500	49.1	52.4	53.8	54.1	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 4000	49.1	52.4	53.8	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
GE 3500	49.1	52.4	53.8	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
GE 3000	49.1	52.4	53.9	54.3	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8
GE 2500	49.4	52.7	54.2	54.5	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1
GE 2000	50.0	53.5	55.1	55.5	55.8	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 1800	50.3	53.7	55.4	55.7	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4
GE 1500	52.0	55.5	57.2	57.7	58.0	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 1200	55.0	58.7	60.4	60.9	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 1000	58.2	62.3	64.7	65.3	65.7	65.8	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 900	59.9	64.4	67.4	68.3	68.7	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 800	61.6	67.0	70.3	71.4	72.0	72.2	72.2	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7
GE 700	62.7	68.8	72.7	74.6	75.5	75.9	75.9	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5
GE 600	63.3	70.0	74.6	77.1	78.4	78.8	79.0	79.3	79.3	79.4	79.6	79.6	79.6	79.6	79.7	79.7
GE 500	63.7	70.7	75.9	80.1	82.1	82.9	83.2	83.9	83.9	83.9	84.1	84.1	84.2	84.2	84.4	84.4
GE 400	63.9	70.9	76.5	81.3	84.7	85.9	86.7	87.9	87.9	88.1	88.6	88.6	88.6	88.8	89.0	89.2
GE 300	64.0	71.0	76.7	81.8	85.9	87.4	88.8	90.6	90.7	91.7	92.6	92.7	93.2	93.6	94.2	94.7
GE 200	64.0	71.0	76.7	81.9	86.0	87.5	88.9	90.9	91.3	92.5	93.9	94.1	95.1	95.7	97.1	98.4
GE 100	64.0	71.0	76.7	81.9	86.0	87.5	89.0	91.0	91.3	92.5	94.0	94.2	95.3	96.1	97.8	100.0
GE 000	64.0	71.0	76.7	81.9	86.0	87.5	89.0	91.0	91.3	92.5	94.0	94.2	95.3	96.1	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2187

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	15.2	16.2	16.9	17.7	18.8	19.0	19.0	19.0	19.0	19.3	19.5	19.5	19.5	19.5	19.7	20.1
GE 20000	15.6	16.7	17.3	18.2	19.3	19.5	19.5	19.5	19.5	19.7	19.9	19.9	19.9	19.9	20.1	20.6
GE 18000	15.6	16.7	17.3	18.2	19.3	19.5	19.5	19.5	19.5	19.7	19.9	19.9	19.9	19.9	20.1	20.6
GE 16000	15.6	16.7	17.3	18.2	19.3	19.5	19.5	19.5	19.5	19.7	19.9	19.9	19.9	19.9	20.1	20.6
GE 14000	15.6	16.7	17.3	18.2	19.3	19.5	19.5	19.5	19.5	19.7	19.9	19.9	19.9	19.9	20.1	20.6
GE 12000	15.6	16.7	17.3	18.2	19.3	19.5	19.5	19.5	19.5	19.7	19.9	19.9	19.9	19.9	20.1	20.6
GE 10000	15.6	16.7	17.3	18.2	19.3	19.5	19.5	19.5	19.5	19.7	19.9	19.9	19.9	19.9	20.1	20.6
GE 9000	15.6	16.7	17.3	18.2	19.3	19.5	19.5	19.5	19.5	19.7	19.9	19.9	19.9	19.9	20.1	20.6
GE 8000	15.6	16.7	17.3	18.2	19.3	19.5	19.5	19.5	19.5	19.7	19.9	19.9	19.9	19.9	20.1	20.6
GE 7000	15.6	16.7	17.3	18.2	19.3	19.5	19.5	19.5	19.5	19.7	19.9	19.9	19.9	19.9	20.1	20.6
GE 6000	15.6	16.7	17.3	18.2	1.3	19.5	19.5	19.5	19.5	19.7	19.9	19.9	19.9	19.9	20.1	20.6
GE 5000	15.8	16.9	17.5	18.4	19.5	19.7	19.9	19.9	19.9	20.1	20.3	20.3	20.3	20.3	20.6	21.0
GE 4500	15.8	16.9	17.5	18.4	19.5	19.7	19.9	19.9	19.9	20.1	20.3	20.3	20.3	20.3	20.6	21.0
GE 4000	15.8	16.9	17.5	18.4	19.5	19.7	19.9	19.9	19.9	20.1	20.3	20.3	20.3	20.3	20.6	21.0
GE 3500	15.8	16.9	17.5	18.4	19.5	19.7	19.9	19.9	19.9	20.1	20.3	20.3	20.3	20.3	20.6	21.0
GE 3000	16.2	17.3	18.0	18.8	19.9	20.1	20.3	20.3	20.3	20.6	20.8	20.8	20.8	20.8	21.0	21.4
GE 2500	17.3	18.4	19.0	20.1	21.2	21.4	21.6	21.6	21.6	21.9	22.1	22.1	22.1	22.1	22.3	22.7
GE 2000	17.7	19.0	19.7	20.8	21.9	22.1	22.3	22.3	22.3	22.5	22.7	22.7	22.7	22.7	22.9	23.4
GE 1800	18.0	19.3	19.9	21.0	22.1	22.3	22.5	22.5	22.5	22.7	22.9	22.9	22.9	22.9	23.2	23.6
GE 1500	19.5	21.2	22.1	23.2	24.2	24.5	24.7	24.7	24.7	24.9	25.1	25.1	25.1	25.1	25.3	25.8
GE 1200	21.9	23.6	24.5	25.5	26.6	26.8	27.1	27.1	27.1	27.3	27.5	27.5	27.5	27.5	27.7	28.1
GE 1000	23.6	25.3	26.4	27.7	28.8	29.0	29.2	29.2	29.2	29.4	29.7	29.7	29.7	29.7	29.9	30.3
GE 900	26.0	28.1	29.4	31.4	32.5	32.7	32.9	32.9	32.9	33.1	33.3	33.3	33.3	33.3	33.5	34.0
GE 800	26.4	29.4	31.4	33.8	34.8	35.1	35.3	35.3	35.3	35.5	35.7	35.7	35.7	35.7	35.9	36.4
GE 700	27.5	31.0	33.5	36.8	38.1	38.3	38.7	38.7	38.7	39.0	39.2	39.2	39.2	39.2	39.4	39.8
GE 600	27.5	31.0	34.4	38.1	39.4	39.6	40.0	40.0	40.3	40.5	40.7	40.7	40.7	40.7	40.9	41.3
GE 500	27.9	32.3	36.6	42.0	44.4	44.8	45.9	46.3	46.8	47.2	47.6	47.6	47.8	47.8	48.1	49.1
GE 400	28.1	32.7	37.2	43.5	48.5	50.0	51.7	53.7	54.5	56.1	56.5	56.7	56.9	57.1	58.0	60.0
GE 300	28.1	32.7	37.2	43.5	48.9	51.7	54.3	58.0	59.7	63.4	65.6	66.0	67.1	67.5	69.0	71.2
GE 200	28.1	32.7	37.2	43.9	49.4	52.6	55.4	59.3	61.3	67.5	71.2	72.3	75.1	77.1	82.3	87.9
GE 100	28.1	32.7	37.2	43.9	49.4	52.6	55.6	59.5	61.5	67.7	71.6	72.7	76.2	78.6	86.6	100.0
GE 000	28.1	32.7	37.2	43.9	49.4	52.6	55.6	59.5	61.5	67.7	71.6	72.7	76.2	78.6	86.6	100.0

TOTAL NUMBER OF OBSERVATIONS 462

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.2	39.5	40.4	40.9	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.4	41.4
GE 20000	39.7	41.1	42.0	42.5	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	43.0	43.0
GE 18000	39.7	41.1	42.0	42.5	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	43.0	43.0
GE 16000	39.7	41.1	42.0	42.5	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	43.0	43.0
GE 14000	39.7	41.1	42.0	42.5	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	43.0	43.0
GE 12000	39.7	41.2	42.2	42.8	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.4	43.4
GE 10000	39.7	41.5	42.5	43.1	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.7	43.7
GE 9000	39.7	41.5	42.5	43.1	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.7	43.7
GE 8000	39.7	41.5	42.5	43.1	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.7	43.7
GE 7000	39.7	41.5	42.5	43.1	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.7	43.7
GE 6000	39.7	41.5	42.5	43.1	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.7	43.7
GE 5000	39.8	41.7	42.7	43.2	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8	43.8
GE 4500	39.8	41.7	42.7	43.2	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8	43.8
GE 4000	39.8	41.7	42.7	43.2	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8	43.8
GE 3500	39.9	41.8	42.8	43.4	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.0	44.0
GE 3000	40.2	42.1	43.1	43.7	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.3	44.3
GE 2500	41.8	43.7	44.7	45.3	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.8	45.8
GE 2000	43.7	45.5	46.7	47.3	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8
GE 1800	5.1	47.0	48.1	48.7	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3	49.3
GE 1500	47.7	49.9	51.0	51.6	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.2	52.2
GE 1200	51.1	53.6	55.2	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5
GE 1000	52.7	56.3	59.2	60.3	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.1
GE 900	54.7	58.9	62.1	63.4	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2
GE 800	56.2	61.2	65.2	67.4	68.0	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
GE 700	57.6	63.4	69.0	72.3	73.9	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7
GE 600	58.0	64.5	71.0	75.0	77.0	77.6	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3
GE 500	58.8	66.1	73.6	79.3	83.0	84.6	85.2	85.5	85.6	85.8	85.8	85.8	85.9	85.9	86.1	86.1
GE 400	58.8	66.1	73.6	80.2	85.1	87.4	88.8	89.7	89.9	90.2	90.5	90.5	90.7	90.7	90.9	90.9
GE 300	58.8	66.1	74.0	80.7	86.4	89.2	91.7	93.1	93.8	95.0	96.0	96.1	96.4	96.6	96.8	96.8
GE 200	58.9	66.2	74.1	80.9	86.6	89.7	92.5	94.0	94.7	96.1	97.3	98.0	98.6	99.0	99.4	99.4
GE 100	58.9	66.2	74.1	80.9	86.6	89.7	92.5	94.0	94.7	96.1	97.3	98.0	98.6	99.1	99.9	100.0
GE 000	58.9	66.2	74.1	80.9	86.6	89.7	92.5	94.0	94.7	96.1	97.3	98.0	98.6	99.1	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 696

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.4	70.6	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 20000	69.6	72.8	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 18000	69.6	72.8	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 16000	69.9	73.1	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 14000	70.0	73.2	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 12000	70.7	74.0	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 10000	70.9	74.1	76.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 9000	70.9	74.1	76.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 8000	70.9	74.1	76.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 7000	70.9	74.1	76.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 6000	70.9	74.1	76.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 5000	71.5	74.7	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4500	71.5	74.7	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	71.6	74.9	76.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3500	71.6	74.9	76.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	71.9	75.1	77.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 2500	72.5	75.7	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 2000	73.7	76.9	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1800	74.6	77.8	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1500	75.3	78.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1200	78.5	82.1	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1000	82.5	87.1	89.9	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	83.1	87.8	90.6	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	84.1	89.4	92.2	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 700	85.3	91.0	94.0	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	85.7	92.1	95.1	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	85.7	92.1	95.3	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	85.7	92.1	95.3	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	85.9	92.2	95.4	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	85.9	92.2	95.4	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	85.9	92.2	95.4	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 000	85.9	92.2	95.4	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 680

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.2	65.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 20000	64.3	67.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 18000	64.3	67.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 16000	64.7	67.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 14000	64.9	67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	65.6	68.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000	66.6	69.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 9000	66.6	69.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 8000	66.6	69.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 7000	66.6	69.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 6000	66.6	69.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 5000	67.2	70.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4500	67.2	70.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4000	67.2	70.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 3500	67.2	70.1	71.2	71.2	71.2	71.2	71.2	1.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 3000	67.6	70.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 2500	67.8	70.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 2000	67.8	70.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 1800	68.1	71.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 1500	69.3	72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 1200	72.9	76.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1000	77.2	81.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 900	78.5	83.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 800	81.6	87.5	89.4	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 700	82.9	89.1	92.1	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	83.9	91.0	94.2	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	84.1	91.4	94.6	97.3	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	84.1	91.4	94.8	97.5	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	84.1	91.4	94.8	97.5	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	84.1	91.4	94.8	97.5	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.1	91.4	94.8	97.5	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	84.1	91.4	94.8	97.5	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 479

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.1	49.3	50.5	50.9	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.5
GE 20000	48.7	50.9	52.1	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.2	53.3
GE 18000	48.7	50.9	52.1	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.2	53.3
GE 16000	48.9	51.1	52.3	52.8	53.1	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.4
GE 14000	49.0	51.2	52.4	52.9	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.5
GE 12000	49.3	51.6	52.8	53.3	53.6	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.9	54.0
GE 10000	49.6	51.9	53.2	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.3	54.3
GE 9000	49.6	51.9	53.2	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.3	54.3
GE 8000	49.6	51.9	53.2	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.3	54.3
GE 7000	49.6	51.9	53.2	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.3	54.3
GE 6000	49.6	51.9	53.2	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.3	54.3
GE 5000	50.0	52.3	53.6	54.1	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.8
GE 4500	50.0	52.3	53.6	54.1	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.8
GE 4000	50.0	52.4	53.6	54.1	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.8
GE 3500	50.1	52.4	53.6	54.2	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.8	54.9
GE 3000	50.4	52.7	54.0	54.5	54.8	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.2
GE 2500	51.3	53.6	54.9	55.5	55.8	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.1	56.2
GE 2000	52.3	54.7	56.0	56.5	56.8	56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.2
GE 1800	53.1	55.5	56.8	57.3	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.9	58.0
GE 1500	54.6	57.2	58.6	59.1	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.8
GE 1200	57.8	60.6	62.1	62.7	63.0	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.4
GE 1000	60.7	64.3	66.4	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	68.0	68.1
GE 900	62.2	66.2	68.6	69.7	70.1	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.5	70.6
GE 800	63.7	68.6	71.4	73.1	73.7	73.8	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.3
GE 700	65.0	70.3	74.0	76.5	77.5	77.6	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.1
GE 600	65.4	71.4	75.6	78.7	80.0	80.2	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.8
GE 500	65.8	72.2	76.9	81.2	83.3	83.9	84.4	84.5	84.7	84.8	84.9	84.9	85.0	85.0	85.1	85.3
GE 400	65.8	72.3	77.1	81.8	84.9	86.0	86.8	87.4	87.7	88.1	88.3	88.3	88.4	88.4	88.7	89.1
GE 300	65.9	72.3	77.3	82.0	85.4	86.9	88.2	89.4	89.9	91.0	91.8	91.9	92.2	92.3	92.7	93.1
GE 200	65.9	72.4	77.3	82.2	85.5	87.2	88.7	89.9	90.5	92.2	93.4	93.8	94.6	95.1	96.3	97.4
GE 100	65.9	72.4	77.3	82.2	85.5	87.2	88.7	89.9	90.6	92.3	93.5	93.9	94.8	95.5	97.3	100.0
GE 000	65.9	72.4	77.3	82.2	85.5	87.2	88.7	89.9	90.6	92.3	93.5	93.9	94.8	95.5	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2317

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.9	31.1	32.0	33.0	33.4	33.6	33.6	33.6	33.6	33.9	34.1	34.1	34.1	34.1	34.5	35.0
GE 20000	32.3	32.5	33.4	34.3	34.8	35.0	35.0	35.0	35.0	35.2	35.5	35.5	35.5	35.5	35.9	36.4
GE 18000	32.5	32.7	34.1	35.0	35.5	35.7	35.7	35.7	35.7	35.9	36.1	36.1	36.1	36.1	36.6	37.0
GE 16000	32.5	32.7	34.1	35.0	35.5	35.7	35.7	35.7	35.7	35.9	36.1	36.1	36.1	36.1	36.6	37.0
GE 14000	32.7	33.0	34.3	35.2	35.7	35.9	35.9	35.9	35.9	36.1	36.4	36.4	36.4	36.4	36.8	37.3
GE 12000	33.0	33.2	34.5	35.5	35.9	36.1	36.1	36.1	36.1	36.4	36.6	36.6	36.6	36.6	37.0	37.5
GE 10000	34.1	34.3	35.7	36.6	37.0	37.3	37.3	37.3	37.3	37.5	38.0	38.2	38.2	38.2	38.6	39.1
GE 9000	34.5	35.0	36.4	37.3	37.7	38.0	38.0	38.0	38.0	38.2	38.6	38.9	38.9	38.9	39.3	39.8
GE 8000	35.9	36.4	37.7	38.6	39.3	39.5	39.5	39.5	39.5	39.8	40.2	40.5	40.5	40.5	40.9	41.4
GE 7000	35.9	36.4	37.7	38.6	39.3	39.5	39.5	39.5	39.5	39.8	40.2	40.5	40.5	40.5	40.9	41.4
GE 6000	36.1	36.6	38.0	38.9	39.5	39.8	39.8	39.8	39.8	40.0	40.5	40.7	40.7	40.7	41.1	41.6
GE 5000	36.8	37.3	38.6	39.5	40.2	40.5	40.5	40.5	40.5	40.7	41.1	41.4	41.4	41.4	41.8	42.3
GE 4500	37.0	37.5	38.9	39.8	40.5	40.7	40.7	40.7	40.7	40.9	41.4	41.6	41.6	41.6	42.0	42.5
GE 4000	37.3	37.7	39.1	40.0	40.7	40.9	40.9	40.9	40.9	41.1	41.6	41.8	41.8	41.8	42.3	42.7
GE 3500	38.2	38.6	40.0	40.9	41.6	41.8	41.8	41.8	41.8	42.0	42.5	42.7	42.7	42.7	43.2	43.6
GE 3000	39.3	39.8	41.1	42.0	42.7	43.0	43.0	43.0	43.0	43.2	43.6	43.9	43.9	43.9	44.3	44.8
GE 2500	41.1	41.6	43.0	43.9	44.5	44.8	44.8	44.8	44.8	45.0	45.5	45.7	45.7	45.7	46.1	46.6
GE 2000	43.2	44.3	45.7	46.6	47.3	47.5	47.5	47.5	47.5	47.7	48.2	48.4	48.4	48.4	48.9	49.3
GE 1800	44.3	45.5	47.0	48.0	48.6	48.9	48.9	48.9	48.9	49.1	49.5	49.8	49.8	49.8	50.2	50.7
GE 1500	46.6	47.7	49.3	50.2	50.9	51.1	51.4	51.4	51.4	51.6	52.0	52.3	52.3	52.3	52.7	53.2
GE 1200	48.0	49.1	50.9	51.8	52.5	52.7	53.0	53.0	53.0	53.2	53.6	53.9	53.9	53.9	54.3	54.8
GE 1000	49.1	50.7	52.5	53.4	54.1	54.3	54.5	54.5	54.5	54.8	55.2	55.5	55.5	55.5	55.9	56.4
GE 900	49.3	50.9	52.7	54.1	54.8	55.0	55.5	55.5	55.5	55.7	56.1	56.4	56.4	56.4	56.8	57.3
GE 800	49.5	51.1	53.2	54.8	55.5	55.7	56.1	56.4	56.4	56.6	57.0	57.3	57.3	57.3	57.7	58.2
GE 700	49.8	51.6	54.5	56.6	57.5	57.7	58.2	58.4	58.4	58.6	59.1	59.3	59.3	59.3	59.8	60.2
GE 600	50.0	52.0	55.0	57.7	58.6	58.9	59.3	59.5	59.5	59.8	60.2	60.5	60.5	60.5	60.9	61.4
GE 500	50.2	52.3	55.9	59.5	61.6	62.3	63.0	63.4	63.9	64.1	64.8	65.0	65.0	65.0	65.5	65.9
GE 400	50.5	53.2	56.8	61.1	64.3	65.2	67.0	68.6	69.1	69.5	70.2	70.5	70.9	70.9	71.8	72.5
GE 300	50.5	53.2	56.8	61.1	65.2	66.1	68.4	70.5	71.1	72.5	73.9	74.1	74.5	75.0	77.3	78.2
GE 200	50.5	53.2	56.8	61.1	65.2	66.4	69.1	71.8	73.2	75.5	78.2	78.9	80.2	81.1	86.1	91.1
GE 100	50.5	53.2	56.8	61.1	65.2	66.4	69.1	71.8	73.2	75.5	78.2	79.1	80.7	82.0	88.2	99.3
GE 000	50.5	53.2	56.8	61.1	65.2	66.4	69.1	71.8	73.2	75.5	78.2	79.1	80.7	82.0	88.2	100.0

TOTAL NUMBER OF OBSERVATIONS 440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.6	49.4	51.2	51.7	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	49.4	51.4	53.2	53.6	54.3	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 18000	49.5	51.5	53.3	53.8	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 16000	49.5	51.5	53.3	53.8	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	50.3	52.3	54.1	54.6	55.2	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 12000	50.6	52.6	54.6	55.0	55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 10000	52.0	54.0	55.9	56.5	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 9000	52.6	54.6	56.5	57.1	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 8000	53.5	55.6	57.6	58.4	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 7000	53.5	55.6	57.6	58.4	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 6000	53.5	55.6	57.6	58.4	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 5000	53.8	55.9	57.9	58.7	59.3	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 4500	54.3	56.4	58.4	59.1	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 4000	54.9	57.0	59.0	59.7	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 3500	55.6	57.8	59.7	60.5	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 3000	56.7	58.8	60.8	61.6	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 2500	58.4	60.5	62.5	63.2	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 2000	61.9	64.0	66.0	66.7	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 1800	62.3	64.4	66.4	67.2	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 1500	62.8	65.0	67.0	67.8	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 1200	65.0	67.5	69.6	70.4	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 1000	66.1	68.7	71.7	72.5	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 900	66.7	69.9	73.6	74.6	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 800	67.3	70.8	74.6	76.0	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 700	68.2	72.2	76.6	78.1	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 600	68.8	72.9	78.1	80.2	81.8	81.9	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 500	69.1	73.7	79.8	83.7	86.0	86.6	87.2	87.8	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 400	69.3	74.0	80.1	85.6	88.1	89.2	90.4	91.2	91.5	91.6	92.1	92.1	92.1	92.1	92.2	92.2
GE 300	69.3	74.0	80.5	86.2	89.2	90.6	92.4	93.9	94.4	94.5	95.7	95.7	95.9	95.9	96.4	96.4
GE 200	69.3	74.0	80.5	86.2	89.4	90.9	92.7	94.5	95.0	95.1	96.5	96.5	97.1	97.1	98.5	98.6
GE 100	69.3	74.0	80.5	86.2	89.4	90.9	92.7	94.5	95.0	95.1	96.7	96.8	97.7	97.7	99.2	100.0
GE 000	69.3	74.0	80.5	86.2	89.4	90.9	92.7	94.5	95.0	95.1	96.7	96.8	97.7	97.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 658

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.7	63.5	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 20000	66.2	67.0	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 18000	66.5	67.3	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 16000	66.5	67.3	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 14000	67.4	68.2	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 12000	67.7	68.5	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000	68.9	69.7	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 9000	69.7	70.	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 8000	70.2	70.9	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	70.2	70.9	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 6000	70.5	71.2	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 5000	70.6	71.4	73.5	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	71.2	72.0	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	71.7	72.4	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3500	73.6	74.4	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3000	75.0	75.8	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 2500	75.9	76.7	78.8	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2000	77.9	78.8	81.2	81.4	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1800	77.9	78.9	81.5	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1500	78.0	79.1	81.8	82.0	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1200	79.1	80.6	83.5	83.6	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1000	80.6	82.6	86.2	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3
GE 900	82.6	85.0	88.6	89.1	89.5	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	83.3	86.1	90.0	90.6	91.4	91.4	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7
GE 700	85.0	87.7	92.1	92.9	93.6	93.6	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	85.3	88.2	93.0	94.2	95.0	95.0	95.3	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	85.6	88.8	94.2	95.8	96.5	96.7	97.0	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	85.8	89.1	94.7	96.4	97.3	97.4	97.9	98.3	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	85.8	89.1	94.7	96.5	97.6	97.9	98.3	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.4	99.7
GE 200	85.8	89.1	94.7	96.7	97.7	98.0	98.6	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.7	100.0
GE 100	85.8	89.1	94.7	96.7	97.7	98.0	98.6	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.7	100.0
GE 000	85.8	89.1	94.7	96.7	97.7	98.0	98.6	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 660

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILIN VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.5	55.8	56.8	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 20000	57.6	58.8	60.1	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 18000	57.8	59.1	60.3	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000	57.8	59.1	60.3	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 14000	58.4	59.7	60.9	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 12000	59.1	60.3	61.5	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 10000	60.5	61.7	63.0	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 9000	61.1	62.3	63.6	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 8000	61.7	63.0	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 7000	61.7	63.0	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 6000	62.8	64.0	65.2	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 5000	63.0	64.2	65.4	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 4500	63.2	64.4	65.6	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 4000	63.4	64.6	65.8	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 3500	64.6	65.8	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 3000	65.4	66.7	67.9	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 2500	66.9	68.1	69.3	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 2000	67.7	69.1	70.4	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 1800	67.7	69.1	70.4	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 1500	68.1	69.5	71.0	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 1200	69.5	71.0	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 1000	73.7	76.1	78.0	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 900	74.5	77.2	79.0	79.4	79.6	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 800	75.5	78.2	80.9	82.1	82.5	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 700	79.2	82.1	85.4	86.8	87.7	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 600	79.8	83.3	87.2	89.3	90.3	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 500	80.7	84.2	89.5	92.0	93.2	93.6	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 400	80.7	84.4	89.9	93.4	95.3	96.1	97.7	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	80.7	84.4	90.1	93.6	95.5	96.3	97.9	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	80.7	84.4	90.1	93.8	95.7	96.5	98.1	99.2	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	80.7	84.4	90.1	93.8	95.7	96.5	98.1	99.2	99.2	99.4	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	80.7	84.4	90.1	93.8	95.7	96.5	98.1	99.2	99.2	99.4	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 486

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.3	51.3	52.8	53.2	53.5	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.9	54.0
GE 20000	52.8	53.9	55.4	55.8	56.1	56.2	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.5	56.6
GE 18000	53.0	54.1	55.7	56.1	56.4	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.8	56.9
GE 16000	53.0	54.1	55.7	56.1	56.4	56.6	56.6	56.6	56.6	6.6	56.7	56.7	56.7	56.7	56.8	56.9
GE 14000	53.7	54.8	56.4	56.8	57.1	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.5
GE 12000	54.0	55.1	56.9	57.3	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	58.0
GE 10000	55.3	56.4	58.2	58.6	58.9	59.0	59.1	59.1	59.1	59.1	59.2	59.3	59.3	59.3	59.4	59.4
GE 9000	55.9	57.1	58.8	59.3	59.6	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	60.0	60.1
GE 8000	56.7	57.9	59.7	60.2	60.5	60.7	60.7	60.7	60.7	60.7	60.8	60.9	60.9	60.9	61.0	61.1
GE 7000	56.7	57.9	59.7	60.2	60.5	60.7	60.7	60.7	60.7	60.7	60.8	60.9	60.9	60.9	61.0	61.1
GE 6000	57.1	58.3	60.0	60.5	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.3	61.4
GE 5000	57.4	58.6	60.3	60.8	61.2	61.3	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.6	61.7
GE 4500	57.8	59.0	60.7	61.2	61.6	61.7	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	62.0	62.1
GE 4000	58.2	59.4	61.1	61.6	62.0	62.1	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.5
GE 3500	59.4	60.7	62.4	62.9	63.2	63.4	63.4	63.4	63.4	63.5	63.5	63.6	63.6	63.6	63.7	63.8
GE 3000	60.6	61.8	63.5	64.0	64.4	64.5	64.6	64.6	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.9
GE 2500	62.0	63.2	64.9	65.4	65.8	66.0	66.0	66.0	66.0	66.0	66.1	66.2	66.2	66.2	66.3	66.4
GE 2000	64.2	65.6	67.4	67.9	68.4	68.5	68.5	68.6	68.6	68.6	68.7	68.8	68.8	68.8	68.9	68.9
GE 1800	64.5	66.0	67.9	68.4	68.9	69.0	69.0	69.1	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.4
GE 1500	65.2	66.8	68.8	69.3	69.7	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.3
GE 1200	66.8	68.5	70.6	71.1	71.6	71.7	71.8	71.9	71.9	71.9	72.0	72.1	72.1	72.1	72.1	72.2
GE 1000	68.7	70.9	73.6	74.2	74.7	74.8	74.9	75.0	75.0	75.0	75.1	75.2	75.2	75.2	75.3	75.4
GE 900	69.7	72.2	75.1	75.9	76.4	76.6	76.7	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.1	77.2
GE 800	70.3	73.0	76.3	77.5	78.3	78.4	78.5	78.7	78.7	78.7	78.8	78.9	78.9	78.9	79.0	79.1
GE 700	71.9	74.9	78.7	80.1	81.1	81.2	81.4	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.8	81.9
GE 600	72.4	75.6	79.9	81.9	83.0	83.1	83.4	83.7	83.7	83.7	83.9	83.9	83.9	83.9	84.0	84.1
GE 500	72.8	76.2	81.5	84.3	85.9	86.3	87.0	87.5	87.7	87.8	88.0	88.1	88.1	88.1	88.1	88.2
GE 400	72.9	76.6	82.0	85.7	87.7	88.4	89.6	90.5	90.6	90.8	91.2	91.3	91.4	91.4	91.6	91.7
GE 300	72.9	76.6	82.1	85.9	88.3	89.2	90.6	91.8	92.1	92.5	93.3	93.3	93.4	93.5	94.2	94.4
GE 200	72.9	76.6	82.1	86.0	88.5	89.4	91.0	92.4	92.8	93.4	94.5	94.7	95.1	95.3	96.7	97.8
GE 100	72.9	76.6	82.1	86.0	88.5	89.4	91.0	92.4	92.8	93.4	94.6	94.8	95.4	95.6	97.4	99.9
GE 000	72.9	76.6	82.1	86.0	88.5	89.4	91.0	92.4	92.8	93.4	94.6	94.8	95.4	95.6	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2244

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.3	46.3	47.0	47.8	48.5	48.5	48.8	48.8	48.8	49.0	49.0	49.0	49.5	49.5	49.5	50.2
GE 20000	48.3	49.3	50.5	51.5	52.2	52.2	52.7	53.0	53.0	53.2	53.2	53.2	53.7	53.7	53.7	54.4
GE 18000	48.3	49.3	50.5	51.5	52.2	52.2	52.7	53.0	53.0	53.2	53.2	53.2	53.7	53.7	53.7	54.4
GE 16000	48.3	49.3	50.5	51.5	52.2	52.2	52.7	53.0	53.0	53.2	53.2	53.2	53.7	53.7	53.7	54.4
GE 14000	49.0	50.0	51.5	52.5	53.2	53.2	53.7	53.9	53.9	54.2	54.2	54.2	54.7	54.7	54.7	55.4
GE 12000	49.8	50.7	52.2	53.2	53.9	53.9	54.4	54.7	54.7	54.9	54.9	54.9	55.4	55.4	55.4	56.2
GE 10000	50.7	51.7	53.2	54.2	54.9	54.9	55.4	55.7	55.7	55.9	55.9	55.9	56.4	56.4	56.4	57.1
GE 9000	50.7	51.7	53.2	54.4	55.2	55.2	55.7	55.9	55.9	56.2	56.2	56.2	56.7	56.7	56.7	57.4
GE 8000	51.5	52.5	53.9	55.2	55.9	55.9	56.4	56.7	56.7	56.9	56.9	56.9	57.4	57.4	57.4	58.1
GE 7000	51.5	52.5	53.9	55.2	55.9	55.9	56.4	56.7	56.7	56.9	56.9	56.9	57.4	57.4	57.4	58.1
GE 6000	51.5	52.5	53.9	55.2	55.9	55.9	56.4	56.7	56.7	56.9	56.9	56.9	57.4	57.4	57.4	58.1
GE 5000	51.7	53.0	54.4	55.7	56.4	56.4	56.9	57.1	57.1	57.4	57.4	57.4	57.9	57.9	57.9	58.6
GE 4500	52.0	53.2	54.7	55.9	56.7	56.7	57.1	57.4	57.4	57.6	57.6	57.6	58.1	58.1	58.1	58.9
GE 4000	52.2	53.4	54.9	56.2	56.9	56.9	57.4	57.6	57.6	57.9	57.9	57.9	58.4	58.4	58.4	59.1
GE 3500	52.7	53.9	55.4	56.7	57.6	57.6	58.1	58.4	58.4	58.6	58.6	58.6	59.1	59.1	59.1	59.9
GE 3000	53.4	54.7	56.2	57.6	58.6	58.6	59.1	59.4	59.4	59.6	59.6	59.6	60.1	60.1	60.1	60.8
GE 2500	54.7	55.9	57.4	58.9	59.9	59.9	60.3	60.6	60.6	60.8	60.8	60.8	61.3	61.3	61.3	62.1
GE 2000	55.7	56.9	58.4	59.9	61.1	61.1	61.6	61.8	61.8	62.1	62.1	62.1	62.6	62.6	62.6	63.3
GE 1800	55.9	57.1	58.6	60.1	61.6	61.6	62.1	62.3	62.3	62.6	62.6	62.6	63.1	63.1	63.1	63.8
GE 1500	56.7	58.4	60.1	62.6	64.8	64.8	65.3	65.5	65.5	65.8	65.8	65.8	66.3	66.3	66.3	67.0
GE 1200	57.4	59.9	62.1	65.0	67.7	67.7	68.2	68.5	68.5	68.7	68.7	68.7	69.2	69.2	69.2	70.0
GE 1000	57.6	60.1	62.3	65.3	68.0	68.0	68.5	68.7	68.7	69.0	69.0	69.0	69.5	69.5	69.5	70.2
GE 900	58.4	60.8	63.1	66.0	68.7	68.7	69.2	69.7	69.7	70.0	70.0	70.0	70.4	70.4	70.4	71.2
GE 800	58.6	61.1	63.3	66.5	69.2	69.2	70.2	70.7	70.7	70.9	70.9	70.9	71.4	71.4	71.4	72.2
GE 700	59.6	62.1	64.3	68.0	71.7	71.7	72.7	73.6	73.6	74.1	74.1	74.1	74.6	74.6	74.6	75.4
GE 600	60.1	62.6	65.3	70.0	73.6	73.6	75.9	76.8	76.8	77.6	77.6	77.6	78.1	78.1	78.1	78.8
GE 500	60.3	62.8	65.5	71.4	76.1	76.8	79.8	80.8	81.0	82.3	82.3	82.3	82.8	82.8	83.0	83.7
GE 400	60.6	63.3	66.0	72.7	78.1	78.8	82.3	83.5	83.7	85.0	85.2	85.2	85.7	85.7	86.2	87.4
GE 300	60.6	63.3	66.0	72.7	78.3	79.1	82.8	84.2	84.7	86.5	86.9	87.2	87.7	87.7	88.4	89.9
GE 200	60.6	63.3	66.0	72.7	78.3	79.1	83.0	85.0	85.7	87.4	87.9	88.2	88.9	88.9	90.9	95.1
GE 100	60.6	63.3	66.0	72.7	78.3	79.1	83.0	85.0	85.7	87.7	88.4	88.7	89.4	89.4	91.4	99.8
GE 000	60.6	63.3	66.0	72.7	78.3	79.1	83.0	85.0	85.7	87.7	88.4	88.7	89.4	89.4	91.4	100.0

TOTAL NUMBER OF OBSERVATIONS 406

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.7	57.6	58.2	58.8	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 20000	59.9	62.0	63.3	64.0	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 18000	60.0	62.2	63.4	64.2	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	60.0	62.2	63.4	64.2	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000	60.6	62.8	64.0	64.8	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000	60.8	63.0	64.2	65.0	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000	63.0	65.3	66.7	67.7	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 9000	63.1	65.6	67.0	68.1	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 8000	63.9	66.4	67.7	68.8	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 7000	63.9	66.4	67.7	68.8	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	63.9	66.4	67.7	68.8	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	64.2	66.7	68.1	69.1	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 4500	64.2	66.7	68.1	69.1	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 4000	64.7	67.3	68.7	69.8	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3500	65.6	68.5	69.9	71.0	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 3000	65.9	69.0	70.4	71.5	71.8	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 2500	67.4	70.5	72.1	73.3	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 2000	69.1	72.2	74.1	75.8	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 1800	69.9	73.3	75.3	77.0	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 1500	70.4	73.8	76.2	78.1	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1200	71.5	75.3	77.8	79.8	80.6	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1000	72.2	76.2	79.0	81.8	82.6	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 900	72.8	76.9	80.1	83.5	84.6	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 800	73.1	77.2	80.4	84.1	85.6	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 700	73.8	78.1	81.9	86.6	88.1	88.4	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 600	73.9	78.2	82.3	87.3	90.1	90.4	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 500	74.2	78.5	83.0	88.4	91.5	92.1	92.4	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 400	74.2	78.5	83.0	88.6	92.1	93.5	94.0	94.8	94.9	95.4	95.4	95.7	95.7	95.7	95.8	95.8
GE 300	74.2	78.5	83.0	88.6	92.3	93.8	94.4	95.2	95.4	95.8	96.1	96.5	96.8	96.9	97.2	97.2
GE 200	74.4	78.7	83.2	88.7	92.4	94.1	94.8	95.7	95.8	96.6	97.4	97.7	98.1	98.5	98.8	99.4
GE 100	74.4	78.7	83.2	88.7	92.4	94.1	94.8	95.7	95.8	96.8	97.5	97.8	98.5	98.8	99.1	100.0
GE 000	74.4	78.7	83.2	88.7	92.4	94.1	94.8	95.7	95.8	96.8	97.5	97.8	98.5	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 648

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.4	64.2	65.2	65.7	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 20000	68.0	70.8	72.3	72.8	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 18000	68.0	70.8	72.3	72.8	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 16000	68.0	70.8	72.3	72.8	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 14000	68.5	71.2	72.8	73.2	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 12000	68.9	71.7	73.2	73.7	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 10000	69.7	72.5	74.2	74.8	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 9000	70.0	72.9	74.6	75.2	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 8000	70.6	73.5	75.2	75.8	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 7000	70.6	73.5	75.2	75.8	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 6000	70.8	73.7	75.4	76.0	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 5000	70.9	73.8	75.5	76.2	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4500	71.1	74.0	75.7	76.3	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 4000	72.3	75.2	76.9	77.5	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3500	73.1	76.0	77.7	78.3	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	73.4	76.3	78.0	78.6	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2500	74.8	77.7	79.5	80.2	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2000	76.5	79.5	81.8	82.5	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	76.9	80.2	82.5	83.1	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1500	77.7	81.1	83.4	84.2	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1200	80.2	84.0	86.8	87.8	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	81.4	85.5	88.5	89.8	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	81.5	86.0	89.7	91.2	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 800	82.3	86.8	90.6	92.3	93.1	93.2	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 700	82.6	87.2	91.2	93.4	94.2	94.3	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 600	83.7	88.3	92.5	94.8	95.7	95.8	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 500	84.0	88.6	92.9	95.5	96.6	96.8	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	84.0	88.8	93.2	96.2	97.5	97.7	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2
GE 300	84.0	88.8	93.2	96.2	97.7	98.0	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.8	100.0	100.0
GE 200	84.0	88.8	93.2	96.2	97.7	98.0	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.8	100.0	100.0
GE 100	84.0	88.8	93.2	96.2	97.7	98.0	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.8	100.0	100.0
GE 000	84.0	88.8	93.2	96.2	97.7	98.0	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 650

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.3	57.4	58.2	58.7	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 20000	61.4	63.5	64.5	64.9	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000	61.6	63.7	64.7	65.1	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	61.6	63.7	64.7	65.1	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	62.4	64.5	65.6	66.0	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 12000	62.8	64.9	66.0	66.6	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 10000	64.7	66.8	67.8	68.5	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	64.7	66.8	67.8	68.5	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 8000	65.1	67.4	68.7	69.3	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 7000	65.1	67.4	68.7	69.3	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 6000	65.3	67.6	68.9	69.5	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	66.0	68.3	69.5	70.1	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4500	66.0	68.3	69.5	70.1	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4000	66.6	68.9	70.1	71.0	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 3500	67.2	69.5	70.8	71.6	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 3000	67.6	69.9	71.4	72.2	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 2500	68.5	70.8	72.2	73.1	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 2000	69.7	72.2	73.9	74.7	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1800	69.7	72.2	73.9	74.7	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1500	69.7	72.4	74.5	75.4	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 1200	72.9	75.8	78.1	78.9	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 1000	74.7	77.9	80.6	81.4	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 900	75.8	79.1	82.5	84.1	84.3	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 800	76.8	80.2	83.9	86.0	86.2	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 700	77.2	80.6	84.8	87.9	88.3	88.7	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 600	78.7	82.0	86.2	90.2	91.0	91.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 500	79.3	82.7	86.8	91.4	93.1	93.5	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	95.0	95.0
GE 400	79.3	82.7	86.8	91.6	93.5	94.2	95.2	95.6	95.6	96.2	96.2	96.2	96.5	96.5	97.3	97.3
GE 300	79.3	82.7	86.8	91.6	94.2	94.8	96.2	96.7	96.7	97.3	97.7	97.9	98.3	98.3	99.6	99.6
GE 200	79.3	82.7	86.8	91.6	94.2	94.8	96.2	96.7	96.7	97.3	97.7	97.9	98.5	98.5	99.8	100.0
GE 100	79.3	82.7	86.8	91.6	94.2	94.8	96.2	96.7	96.7	97.3	97.7	97.9	98.5	98.5	99.8	100.0
GE 000	79.3	82.7	86.8	91.6	94.2	94.8	96.2	96.7	96.7	97.3	97.7	97.9	98.5	98.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 479

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.4	57.4	58.2	58.8	59.1	59.3	59.4	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.7
GE 20000	60.5	62.6	63.9	64.5	64.9	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.5
GE 18000	60.6	62.7	63.9	64.6	65.0	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.6
GE 16000	60.6	62.7	63.9	64.6	65.0	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.6
GE 14000	61.2	63.3	64.6	65.3	65.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.3
GE 12000	61.6	63.7	65.0	65.7	66.2	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.8
GE 10000	63.1	65.2	66.7	67.5	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.6
GE 9000	63.2	65.5	66.9	67.8	68.2	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.9
GE 8000	63.9	66.1	67.6	68.5	68.9	69.1	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.6
GE 7000	63.9	66.1	67.6	68.5	69.0	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.6
GE 6000	63.9	66.2	67.7	68.6	69.1	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.7
GE 5000	64.3	66.6	68.1	68.9	69.4	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.1
GE 4500	64.4	66.7	68.2	69.0	69.5	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.2
GE 4000	65.0	67.4	68.9	69.8	70.3	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	71.0
GE 3500	65.8	68.3	69.7	70.6	71.2	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.8
GE 3000	66.2	68.7	70.2	71.2	71.7	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.4
GE 2500	67.5	70.0	71.6	72.6	73.2	73.3	73.5	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.8
GE 2000	68.9	71.6	73.4	74.6	75.2	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.8
GE 1800	69.4	72.1	74.0	75.2	75.8	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.5
GE 1500	69.9	72.8	75.0	76.4	77.3	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.9
GE 1200	71.7	75.1	77.6	79.2	80.3	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.9
GE 1000	72.8	76.4	79.1	81.0	82.0	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.7
GE 900	73.4	77.1	80.3	82.7	83.8	84.0	84.2	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.6
GE 800	74.0	77.7	81.0	83.7	84.9	85.1	85.4	85.6	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.9
GE 700	74.5	78.4	82.0	85.4	86.9	87.1	87.7	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.4
GE 600	75.3	79.2	83.0	86.9	88.9	89.1	90.0	90.3	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.8
GE 500	75.7	79.5	83.6	88.0	90.5	91.0	92.1	92.4	92.5	92.8	92.9	92.9	92.9	92.9	93.0	93.2
GE 400	75.7	79.7	83.7	88.5	91.4	92.2	93.4	94.1	94.2	94.7	94.8	94.9	95.0	95.0	95.4	95.6
GE 300	75.7	79.7	83.7	88.5	91.7	92.5	94.0	94.7	94.8	95.4	95.7	95.9	96.2	96.4	96.9	97.2
GE 200	75.8	79.7	83.8	88.6	91.8	92.6	94.1	95.0	95.1	95.8	96.3	96.5	96.9	97.1	97.9	98.9
GE 100	75.8	79.7	83.8	88.6	91.8	92.6	94.1	95.0	95.1	95.9	96.4	96.6	97.1	97.3	98.1	100.0
GE 000	75.8	79.7	83.8	88.6	91.8	92.6	94.1	95.0	95.1	95.9	96.4	96.6	97.1	97.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2183

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.6	59.5	59.5	59.5	59.9	59.9	59.9	59.9	59.9	59.9	60.3	60.3	60.3	60.3	60.3	60.7
GE 20000	61.5	64.2	64.6	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.4	65.4	65.4	65.4	65.4	66.1
GE 18000	61.5	64.2	65.0	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.8	65.8	65.8	65.8	65.8	66.5
GE 16000	61.9	64.6	65.4	65.4	65.8	65.8	65.8	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.9
GE 14000	62.3	65.0	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.5	66.5	66.5	66.5	66.5	67.3
GE 12000	63.8	66.5	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.9
GE 10000	66.9	69.6	70.4	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6	71.6	72.4
GE 9000	66.9	69.6	70.4	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6	71.6	72.4
GE 8000	68.9	72.0	72.8	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.9	73.9	73.9	73.9	73.9	74.7
GE 7000	69.6	72.8	73.5	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.7	74.7	74.7	74.7	74.7	75.5
GE 6000	69.6	72.8	73.5	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.7	74.7	74.7	74.7	74.7	75.5
GE 5000	72.0	75.1	75.9	76.3	76.7	76.7	76.7	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.8
GE 4500	72.0	75.1	75.9	76.3	76.7	76.7	76.7	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.8
GE 4000	72.0	75.1	75.9	76.3	76.7	76.7	76.7	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.8
GE 3500	72.8	75.9	76.7	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.8	77.8	77.8	77.8	77.8	78.6
GE 3000	73.9	77.0	77.8	78.2	78.6	78.6	78.6	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.8
GE 2500	75.1	78.2	79.0	79.4	79.8	79.8	79.8	79.8	79.8	79.8	80.2	80.2	80.2	80.2	80.2	80.9
GE 2000	75.9	79.4	80.2	80.5	80.9	80.9	80.9	80.9	80.9	80.9	81.3	81.3	81.3	81.3	81.3	82.1
GE 1800	75.9	79.4	80.2	80.5	80.9	81.3	81.3	81.3	81.3	81.3	81.7	81.7	81.7	81.7	81.7	82.5
GE 1500	77.0	80.5	81.7	82.1	82.9	83.3	83.3	83.3	83.3	83.3	83.7	83.7	83.7	83.7	83.7	84.4
GE 1200	77.8	81.7	82.9	83.3	84.0	84.4	84.4	84.4	84.4	84.4	84.8	84.8	84.8	84.8	84.8	85.6
GE 1000	78.2	82.5	83.7	84.0	84.8	85.2	85.2	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	86.4
GE 900	79.0	83.3	84.8	85.2	86.0	86.4	86.4	86.4	86.4	86.4	86.8	86.8	86.8	86.8	86.8	87.5
GE 800	79.4	83.7	85.2	86.0	86.8	87.2	87.2	87.2	87.2	87.2	87.5	87.5	87.5	87.5	87.5	88.3
GE 700	79.4	84.0	85.6	86.8	87.9	88.3	88.3	88.3	88.3	88.3	88.7	88.7	88.7	88.7	88.7	89.5
GE 600	79.8	84.4	86.0	87.2	88.3	89.1	89.5	89.5	89.5	89.5	89.9	89.9	89.9	89.9	89.9	90.7
GE 500	79.8	84.4	86.0	87.2	88.3	89.1	89.5	89.9	89.9	89.9	90.3	90.3	90.3	90.3	90.3	91.1
GE 400	79.8	84.4	86.4	87.9	89.5	90.3	91.4	92.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.8
GE 300	79.8	84.4	86.4	87.9	89.9	90.7	91.8	93.4	93.4	93.8	94.2	94.2	94.2	94.2	94.2	95.3
GE 200	79.8	84.4	86.4	87.9	89.9	90.7	91.8	93.4	93.8	94.2	94.6	94.9	95.3	95.3	95.7	98.1
GE 100	79.8	84.4	86.4	87.9	89.9	90.7	91.8	93.8	94.2	94.6	94.9	95.3	95.7	95.7	96.1	100.0
GE 000	79.8	84.4	86.4	87.9	89.9	90.7	91.8	93.8	94.2	94.6	94.9	95.3	95.7	95.7	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 257

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.1	64.6	65.0	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 20000	67.6	69.1	69.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 18000	67.6	69.1	69.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 16000	68.1	69.6	69.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 14000	68.6	70.1	70.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	69.8	71.2	71.6	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 10000	73.4	74.9	75.5	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 9000	73.7	75.2	75.9	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 8000	75.5	77.4	78.0	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 7000	76.7	78.5	79.2	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 6000	77.4	79.2	79.8	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 5000	78.7	80.5	81.2	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	78.8	80.7	81.3	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	79.3	81.2	81.8	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 3500	80.2	82.0	82.6	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000	82.0	83.8	84.5	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	82.5	84.5	85.1	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2000	83.3	85.3	86.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800	84.3	86.6	87.3	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	85.5	87.8	88.4	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	86.4	88.8	89.4	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	87.3	89.6	90.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 900	87.4	89.8	90.7	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 800	88.3	90.6	91.6	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 700	88.3	90.6	91.6	94.0	94.9	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	88.3	90.6	91.6	94.0	95.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 500	88.4	91.1	92.2	94.9	95.9	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	88.4	91.1	92.6	95.2	96.4	96.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7	97.7
GE 300	88.6	91.2	92.7	95.4	96.5	96.9	97.5	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.3	98.7
GE 200	88.6	91.2	92.7	95.4	96.5	96.9	97.5	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.8	99.3
GE 100	88.6	91.2	92.7	95.4	96.5	96.9	97.5	98.0	98.0	98.3	98.3	98.3	98.5	98.5	99.0	100.0
GE 000	88.6	91.2	92.7	95.4	96.5	96.9	97.5	98.0	98.0	98.3	98.3	98.3	98.5	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 605

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.4	66.4	66.6	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 20000	70.6	72.6	72.8	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 18000	70.6	72.6	72.8	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 16000	70.6	72.6	72.8	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 14000	71.6	73.6	73.8	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 12000	72.6	74.6	74.8	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 10000	74.6	76.8	77.1	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 9000	74.8	77.0	77.3	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 8000	76.5	78.6	79.0	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 7000	78.5	80.6	81.0	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000	79.1	81.3	81.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 5000	81.3	83.5	83.8	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4500	81.6	83.8	84.1	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4000	81.6	83.8	84.1	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	82.1	84.3	84.6	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3000	84.6	87.0	87.5	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	84.6	87.0	87.5	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	86.1	88.5	89.1	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1800	86.8	89.1	89.8	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	87.8	90.2	91.0	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1200	88.5	90.8	91.8	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	89.1	91.5	93.0	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	89.6	92.0	93.5	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	90.0	92.5	94.0	95.0	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 700	90.0	92.5	94.0	95.2	96.0	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	90.0	92.5	94.2	95.3	96.2	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	90.3	93.0	94.8	96.2	97.2	97.5	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	90.3	93.0	95.0	96.5	97.7	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	90.3	93.0	95.2	96.7	97.8	98.5	98.5	98.8	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	90.3	93.0	95.2	96.7	97.8	98.5	98.5	98.8	99.2	99.5	99.7	99.7	99.7	99.8	99.8	99.8
GE 100	90.3	93.0	95.2	96.7	97.8	98.5	98.5	98.8	99.2	99.5	99.7	99.7	99.7	99.8	99.8	100.0
GE 000	90.3	93.0	95.2	96.7	97.8	98.5	98.5	98.8	99.2	99.5	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 599

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	56.7	57.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	64.2	66.0	66.6	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 18000	64.3	66.2	66.7	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 16000	64.7	66.6	67.1	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	64.8	66.7	67.2	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 12000	67.4	69.3	69.8	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	71.3	73.2	73.7	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 9000	71.5	73.4	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 8000	72.9	74.7	75.3	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 7000	74.6	76.5	77.0	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 6000	74.9	76.8	77.3	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 5000	75.8	77.6	78.2	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4500	76.5	78.3	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4000	77.0	78.8	79.5	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3500	77.1	79.0	79.7	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3000	81.1	82.9	83.8	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2500	81.4	83.3	84.1	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	82.9	85.0	85.8	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1800	83.3	85.3	86.2	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	84.1	86.2	87.2	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1200	84.3	86.3	87.4	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	85.2	87.4	89.1	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	85.2	87.4	89.4	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 800	85.5	87.7	89.8	91.1	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 700	85.7	88.2	90.3	92.2	92.5	92.5	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	86.2	88.9	91.1	93.2	93.5	93.9	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2
GE 500	86.3	89.1	91.3	93.5	93.9	94.4	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	86.5	89.2	91.5	94.0	94.5	95.1	95.9	96.2	96.2	96.2	96.4	96.4	96.6	96.6	96.6	96.6
GE 300	86.9	89.6	91.8	94.4	94.9	95.4	96.6	96.9	97.1	97.6	97.8	98.0	98.3	98.5	98.5	98.6
GE 200	86.9	89.6	91.8	94.4	94.9	95.4	96.9	97.3	97.4	98.3	98.5	98.6	99.0	99.1	99.3	99.7
GE 100	86.9	89.6	91.8	94.4	94.9	95.6	97.1	97.4	97.6	98.5	98.6	98.8	99.1	99.3	99.7	100.0
GE 000	86.9	89.6	91.8	94.4	94.9	95.6	97.1	97.4	97.6	98.5	98.6	98.8	99.1	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 586

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV HOURS: ALL

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.5	62.2	62.5	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
GE 20000	66.7	68.6	69.0	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
GE 18000	66.8	68.7	69.1	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
GE 16000	67.1	69.0	69.4	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
GE 14000	67.6	69.5	69.9	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
GE 12000	69.2	71.1	71.5	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
GE 10000	72.3	74.3	74.8	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
GE 9000	72.5	74.5	75.0	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
GE 8000	74.2	76.3	76.8	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
GE 7000	75.7	77.8	78.4	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
GE 6000	76.2	78.3	78.8	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
GE 5000	77.8	79.9	80.4	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.5
GE 4500	78.1	80.2	80.8	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9
GE 4000	78.4	80.5	81.1	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2
GE 3500	78.9	81.0	81.6	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7
GE 3000	81.5	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5
GE 2500	81.9	84.1	84.8	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
GE 2000	83.1	85.4	86.1	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
GE 1800	83.7	86.1	86.8	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0
GE 1500	84.7	87.1	88.0	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.4
GE 1200	85.3	87.8	88.7	89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
GE 1000	86.1	88.6	89.9	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7
GE 900	86.4	88.9	90.4	91.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4
GE 800	86.9	89.4	91.0	92.5	93.0	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.4
GE 700	86.9	89.6	91.2	92.9	93.6	93.8	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2
GE 600	87.1	89.9	91.5	93.3	94.1	94.4	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.9
GE 500	87.3	90.2	91.9	93.9	94.7	95.1	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9
GE 400	87.3	90.3	92.2	94.3	95.4	95.8	96.4	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.3
GE 300	87.5	90.4	92.4	94.5	95.6	96.1	96.8	97.3	97.5	97.8	97.9	98.0	98.1	98.1	98.2	98.5
GE 200	87.5	90.4	92.4	94.5	95.6	96.1	96.9	97.5	97.7	98.1	98.2	98.3	98.6	98.6	98.9	99.4
GE 100	87.5	90.4	92.4	94.5	95.6	96.2	97.0	97.6	97.8	98.2	98.4	98.5	98.7	98.8	99.1	100.0
GE 000	87.5	90.4	92.4	94.5	95.6	96.2	97.0	97.6	97.8	98.2	98.4	98.5	98.7	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2047

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.4	62.2	63.3	63.7	64.0	64.0	64.0	64.4	64.4	64.4	64.4	64.4	64.8	64.8	64.8	64.8
GE 20000	65.2	65.9	67.0	67.4	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.5	68.5	68.5	68.5
GE 18000	65.2	65.9	67.0	67.4	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.9	68.9	68.9	68.9
GE 16000	65.5	66.3	67.4	67.8	68.2	68.2	68.2	68.5	68.5	68.5	68.5	68.5	69.3	69.3	69.3	69.3
GE 14000	66.7	67.4	68.5	69.3	70.0	70.0	70.0	70.4	70.4	70.4	70.4	70.4	71.2	71.2	71.2	71.2
GE 12000	67.4	68.2	69.3	70.0	70.8	70.8	70.8	71.2	71.2	71.2	71.2	71.2	71.9	71.9	71.9	71.9
GE 10000	69.7	70.4	71.9	72.7	73.4	73.4	73.4	73.8	73.8	73.8	73.8	73.8	74.5	74.5	74.5	74.5
GE 9000	69.7	70.4	71.9	72.7	73.4	73.4	73.4	73.8	73.8	73.8	73.8	73.8	74.5	74.5	74.5	74.5
GE 8000	73.8	74.5	76.0	76.8	77.5	77.5	77.5	77.9	77.9	77.9	77.9	77.9	78.7	78.7	78.7	78.7
GE 7000	74.2	74.9	76.4	77.2	77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	79.0	79.0	79.0	79.0
GE 6000	74.9	75.7	77.2	77.9	78.7	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.8	79.8	79.8	79.8
GE 5000	77.9	78.7	80.1	80.9	81.6	81.6	81.6	82.0	82.0	82.0	82.0	82.0	82.8	82.8	82.8	82.8
GE 4500	79.0	79.8	81.3	82.0	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.9	83.9	83.9	83.9
GE 4000	79.8	80.5	82.0	82.8	83.5	83.5	83.5	83.9	83.9	83.9	83.9	83.9	84.6	84.6	84.6	84.6
GE 3500	81.6	82.4	83.9	85.0	85.8	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.9	86.9	86.9	86.9
GE 3000	83.1	84.3	85.8	86.9	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.8	88.8	88.8	88.8
GE 2500	83.5	84.6	86.1	87.3	88.0	88.0	88.0	88.4	88.4	88.4	88.4	88.4	89.1	89.1	89.1	89.1
GE 2000	86.1	87.3	88.8	89.9	90.6	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.8	91.8	91.8	91.8
GE 1800	86.1	87.3	88.8	89.9	90.6	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.8	91.8	91.8	91.8
GE 1500	86.1	87.3	88.8	90.3	91.0	91.0	91.0	91.8	91.8	91.8	91.8	91.8	92.5	92.5	92.5	92.5
GE 1200	86.1	87.3	88.8	90.3	91.0	91.0	91.0	91.8	91.8	91.8	91.8	91.8	92.5	92.5	92.5	92.5
GE 1000	86.5	87.6	89.1	90.6	91.4	91.4	91.4	92.1	92.1	92.1	92.1	92.1	92.9	92.9	92.9	92.9
GE 900	86.5	87.6	89.1	90.6	91.8	91.8	91.8	92.5	92.5	92.5	92.5	92.5	93.3	93.3	93.6	93.6
GE 800	86.5	87.6	89.1	90.6	92.1	92.1	92.1	92.9	92.9	92.9	92.9	92.9	93.6	93.6	94.0	94.0
GE 700	86.5	87.6	89.5	91.0	92.5	92.5	92.5	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.4	94.4
GE 600	86.5	87.6	89.5	91.0	92.5	92.5	92.5	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.4	94.4
GE 500	86.5	87.6	90.3	92.1	94.0	94.0	94.0	94.8	94.8	94.8	94.8	94.8	95.5	95.5	95.9	96.3
GE 400	86.5	87.6	90.3	92.1	94.0	94.0	94.0	94.8	94.8	94.8	94.8	94.8	95.5	95.5	95.9	96.6
GE 300	86.5	87.6	90.6	92.5	94.4	94.4	94.4	95.1	95.1	95.1	95.5	95.5	96.3	96.3	97.0	97.8
GE 200	86.5	87.6	90.6	92.5	94.4	94.4	94.4	95.1	95.5	95.5	95.5	95.9	96.6	96.6	97.8	99.3
GE 100	86.5	87.6	90.6	92.5	94.4	94.4	94.4	95.1	95.5	95.5	95.5	95.9	96.6	96.6	97.8	100.0
GE 000	86.5	87.6	90.6	92.5	94.4	94.4	94.4	95.1	95.5	95.5	95.5	95.9	96.6	96.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 267

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.1	60.9	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 20000	65.1	65.9	66.2	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000	65.1	65.9	66.5	67.0	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 16000	65.6	66.4	67.0	67.4	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 14000	67.0	67.8	68.4	69.2	69.3	69.3	69.3	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 12000	69.3	70.1	70.7	71.5	71.7	71.7	71.7	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 10000	72.3	73.1	73.7	74.6	74.8	74.8	74.8	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 9000	72.5	73.2	73.9	74.8	75.0	75.0	75.0	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	75.9	76.7	77.3	78.4	78.6	78.6	78.6	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000	77.0	77.8	78.4	79.5	79.7	79.7	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 6000	78.1	78.9	79.5	80.6	80.8	80.8	80.8	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	80.6	81.4	82.0	83.1	83.3	83.3	83.3	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	81.4	82.2	82.8	83.9	84.0	84.0	84.0	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4000	82.3	83.1	83.7	84.8	85.0	85.0	85.0	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3500	83.4	84.2	84.8	85.9	86.1	86.1	86.1	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	85.4	86.4	87.2	88.4	88.7	88.7	88.7	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	86.2	87.2	87.9	89.2	89.5	89.5	89.5	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	87.5	88.4	89.2	90.5	90.8	90.8	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	87.5	88.6	89.4	90.8	91.1	91.1	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1500	87.8	88.9	89.7	91.1	91.4	91.4	91.4	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1200	88.6	89.7	90.8	92.3	92.8	92.8	92.8	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	88.9	90.0	91.2	92.8	93.9	93.9	93.9	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	89.4	90.5	91.7	93.4	94.5	94.5	94.5	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 800	89.4	90.5	91.7	93.4	94.7	94.7	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	89.5	90.9	92.3	94.1	95.5	95.5	95.5	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	89.5	90.9	92.3	94.1	95.5	95.5	95.5	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	89.8	91.4	93.0	94.8	96.2	96.2	96.2	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 400	90.0	91.5	93.1	95.0	96.4	96.6	96.6	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.5	97.5
GE 300	90.0	91.5	93.4	95.5	97.0	97.2	97.2	97.8	98.3	98.6	98.6	98.6	98.6	98.6	98.7	98.7
GE 200	90.0	91.5	93.4	95.5	97.3	97.5	97.5	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.5	99.5
GE 100	90.0	91.5	93.4	95.5	97.3	97.5	97.5	98.4	98.9	99.2	99.2	99.4	99.4	99.4	99.7	100.0
GE 000	90.0	91.5	93.4	95.5	97.3	97.5	97.5	98.4	98.9	99.2	99.2	99.4	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.6	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 20000	68.0	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 18000	68.4	69.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 16000	68.6	70.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 14000	69.7	71.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 12000	72.2	73.6	74.8	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 10000	75.1	76.7	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 9000	75.6	77.1	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 8000	77.3	78.8	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 7000	78.8	80.4	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 6000	79.6	81.2	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 5000	82.9	84.4	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4500	83.0	84.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	83.5	85.2	86.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3500	84.3	86.0	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	86.2	87.9	89.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 2500	86.5	88.2	90.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000	88.8	90.7	92.5	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	89.1	91.0	92.8	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	90.2	92.1	94.1	95.5	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	90.5	92.5	94.9	96.3	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	90.8	93.2	95.6	97.2	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	91.1	93.5	96.0	97.5	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	91.1	93.6	96.1	97.7	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	91.4	93.9	96.6	98.1	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	91.6	94.1	96.7	98.3	98.9	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	91.6	94.1	96.7	98.3	98.9	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	91.6	94.1	96.7	98.3	98.9	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	91.6	94.1	96.7	98.3	98.9	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	91.6	94.1	96.7	98.3	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.6	94.1	96.7	98.3	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.6	94.1	96.7	98.3	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 643

OPERATING LOCATION "A"
USAFETAC, ASHFVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.0	58.2	59.1	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20000	64.5	65.0	66.0	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 18000	64.9	65.3	66.3	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	65.3	65.8	66.8	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 14000	66.6	67.1	68.2	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 12000	69.0	69.5	70.6	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 10000	74.2	74.7	75.8	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 9000	75.5	76.0	77.1	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 8000	77.1	77.6	78.7	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 7000	78.7	79.2	80.3	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 6000	80.0	80.4	81.6	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	81.6	82.2	83.3	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4500	82.5	83.1	84.3	84.9	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4000	84.1	84.7	85.9	86.5	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3500	84.6	85.4	86.5	87.1	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3000	85.2	86.0	87.1	87.9	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	86.2	87.0	88.1	88.9	89.5	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	87.8	88.6	89.7	90.5	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	88.1	89.0	90.1	90.9	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500	88.6	89.5	90.6	91.6	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1200	89.3	90.5	91.6	92.5	93.6	93.6	93.6	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	89.7	90.9	92.1	93.5	94.6	94.6	94.6	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	89.7	90.9	92.1	93.5	94.6	94.6	94.6	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	89.7	90.9	92.2	93.6	94.9	94.9	95.1	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	90.3	91.6	93.0	94.4	95.7	95.7	96.0	96.3	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	90.5	91.7	93.2	94.8	96.2	96.2	96.5	96.8	96.8	97.1	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	90.5	91.7	93.2	94.8	96.2	96.3	96.7	97.0	97.1	97.5	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	90.5	91.7	93.2	95.2	96.7	97.3	97.8	98.1	98.3	98.7	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	90.5	91.9	93.3	95.4	96.8	97.6	98.3	98.6	98.7	99.2	99.7	99.8	100.0	100.0	100.0	100.0
GE 200	90.5	91.9	93.3	95.4	96.8	97.6	98.3	98.6	98.7	99.2	99.7	99.8	100.0	100.0	100.0	100.0
GE 100	90.5	91.9	93.3	95.4	96.8	97.6	98.3	98.6	98.7	99.2	99.7	99.8	100.0	100.0	100.0	100.0
GE 000	90.5	91.9	93.3	95.4	96.8	97.6	98.3	98.6	98.7	99.2	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 629

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.1	60.7	61.3	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
GE 20000	65.8	66.7	67.4	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 18000	66.0	66.9	67.8	68.0	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4
GE 16000	66.4	67.3	68.1	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8
GE 14000	67.6	68.5	69.5	69.9	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4
GE 12000	69.8	70.7	71.7	72.4	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9
GE 10000	73.4	74.3	75.4	76.1	76.4	76.4	76.4	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7
GE 9000	73.9	74.8	76.0	76.7	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
GE 8000	76.4	77.3	78.5	79.2	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
GE 7000	77.7	78.6	79.8	80.5	80.8	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
GE 6000	78.7	79.6	80.8	81.6	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1
GE 5000	81.2	82.2	83.4	84.2	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
GE 4500	81.9	82.9	84.1	84.9	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
GE 4000	82.9	83.9	85.1	85.9	86.2	86.2	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3500	83.8	84.8	86.0	86.9	87.2	87.2	87.2	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 3000	85.3	86.5	87.7	88.7	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4
GE 2500	86.0	87.1	88.4	89.4	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 2000	87.8	89.0	90.3	91.3	91.7	91.7	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1800	88.0	89.3	90.5	91.6	92.1	92.1	92.1	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5
GE 1500	88.5	89.8	91.1	92.4	92.8	92.8	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
GE 1200	89.1	90.4	92.0	93.3	94.0	94.0	94.0	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 1000	89.4	90.9	92.5	94.0	94.9	94.9	95.0	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	89.6	91.1	92.7	94.3	95.3	95.3	95.3	95.6	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9
GE 800	89.6	91.2	92.8	94.4	95.5	95.5	95.6	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2
GE 700	89.9	91.6	93.4	95.0	96.1	96.2	96.3	96.6	96.6	96.8	96.8	96.8	96.9	96.9	97.0	97.0
GE 600	90.0	91.7	93.5	95.1	96.3	96.4	96.6	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.3	97.3
GE 500	90.1	91.8	93.8	95.5	96.7	96.8	97.1	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.9	97.9
GE 400	90.2	91.9	93.8	95.7	96.9	97.2	97.5	97.8	97.9	98.2	98.3	98.3	98.4	98.4	98.5	98.6
GE 300	90.2	91.9	94.0	95.9	97.2	97.5	97.9	98.3	98.4	98.7	98.9	98.9	99.1	99.1	99.2	99.3
GE 200	90.2	91.9	94.0	95.9	97.3	97.7	98.0	98.5	98.7	99.0	99.2	99.2	99.4	99.4	99.6	99.8
GE 100	90.2	91.9	94.0	95.9	97.3	97.7	98.0	98.5	98.7	99.0	99.2	99.3	99.4	99.4	99.6	100.0
GE 000	90.2	91.9	94.0	95.9	97.3	97.7	98.0	98.5	98.7	99.0	99.2	99.3	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2178

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.6	55.1	55.9	56.2	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6
GE 20000	58.2	59.8	60.8	61.1	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6
GE 18000	58.6	60.2	61.2	61.6	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0
GE 16000	58.7	60.3	61.3	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.2
GE 14000	59.3	60.9	61.9	62.3	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8
GE 12000	60.1	61.8	62.8	63.3	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.8
GE 10000	62.2	63.9	65.0	65.5	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.1
GE 9000	62.4	64.1	65.2	65.7	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.3
GE 8000	63.4	65.2	66.3	66.8	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3
GE 7000	63.8	65.6	66.7	67.2	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7
GE 6000	64.1	65.9	67.0	67.5	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.1
GE 5000	65.1	66.9	68.1	68.6	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.2
GE 4500	65.5	67.4	68.5	69.1	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6
GE 4000	66.2	68.1	69.2	69.8	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.4
GE 3500	66.8	68.7	69.9	70.5	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1
GE 3000	68.0	70.0	71.3	72.0	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6
GE 2500	69.1	71.1	72.5	73.2	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.9
GE 2000	70.7	72.9	74.4	75.2	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 1800	71.3	73.5	75.0	75.8	76.2	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.7
GE 1500	72.5	74.9	76.6	77.5	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
GE 1200	74.3	76.9	78.8	79.8	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.9
GE 1000	75.9	78.8	81.0	82.3	82.9	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.5
GE 900	76.7	79.8	82.2	83.7	84.3	84.5	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.0
GE 800	77.4	80.8	83.4	85.1	85.9	86.1	86.2	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.7
GE 700	78.0	81.7	84.7	86.8	87.8	88.0	88.3	88.5	88.5	88.5	88.6	88.6	88.7	88.7	88.7	88.8
GE 600	78.4	82.2	85.5	88.0	89.2	89.5	89.9	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.5	90.6
GE 500	78.7	82.7	86.3	89.4	91.0	91.4	92.0	92.3	92.4	92.6	92.7	92.7	92.8	92.8	92.9	93.0
GE 400	78.8	82.8	86.5	89.9	92.0	92.6	93.4	94.0	94.2	94.4	94.6	94.6	94.7	94.8	95.0	95.2
GE 300	78.8	82.8	86.6	90.2	92.4	93.2	94.2	95.0	95.2	95.7	96.0	96.1	96.3	96.4	96.8	97.1
GE 200	78.8	82.9	86.6	90.2	92.5	93.3	94.4	95.3	95.5	96.2	96.7	96.9	97.3	97.5	98.1	98.9
GE 100	78.8	82.9	86.6	90.2	92.5	93.3	94.4	95.3	95.6	96.3	96.8	97.0	97.5	97.7	98.5	99.9
GE 000	78.8	82.9	86.6	90.2	92.5	93.3	94.4	95.3	95.6	96.3	96.8	97.0	97.5	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 26460

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	15.1	36.0	30.5	18.0	.4	48.9	5.1	272
09-11	12.2	39.5	32.1	15.5	.6	48.2	2.0	645
12-14	10.8	41.3	33.5	14.4		47.9	.9	641
15-17	8.9	43.1	32.6	15.1	.3	48.0	1.3	631
18-20								0
21-23								0
ALL HOURS	11.0	40.0	32.0	15.0	.0	48.0	1.0	2189

MONTH: FEB HOURS: ALL

00-02								0
03-05								0
06-08	11.0	32.5	30.6	19.2	6.7	56.5	3.5	255
09-11	11.0	35.4	31.6	19.7	2.3	53.6	36	618
12-14	11.0	35.8	32.2	20.1	.8	53.2	1.1	611
15-17	8.2	31.9	34.1	24.9	.8	59.9	.8	598
18-20								0
21-23								0
ALL HOURS	10.2	34.2	32.4	21.3	2.0	55.6	2.1	2082

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02								0
03-05								0
06-08	11.0	36.9	28.3	18.6	5.2	52.1	6.6	290
09-11	10.8	40.9	26.2	20.1	2.0	48.3	4.2	687
12-14	9.7	42.6	27.5	19.9	.3	47.8	1.9	672
15-17	6.9	42.0	28.9	20.7	1.5	51.1	3.3	667
18-20								0
21-23								0
ALL HOURS	9.0	41.0	27.0	20.0	1.0	49.0	3.0	2316

MONTH: APR HOURS: ALL

00-02								0
03-05								0
06-08	8.3	35.2	22.9	24.1	9.5	56.4	8.6	349
09-11	10.1	42.9	25.5	19.2	2.3	47.0	4.8	666
12-14	8.7	46.3	26.8	18.0	.3	45.1	5.0	657
15-17	6.9	43.8	30.4	18.0	.9	49.3	4.5	582
18-20								0
21-23								0
ALL HOURS	8.6	42.9	26.8	19.3	2.4	48.5	5.4	2254

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	9.3	27.1	22.8	29.1	11.7	63.7	11.3	443
09-11	9.5	40.3	22.5	23.7	4.0	50.2	4.3	653
12-14	7.4	45.2	28.4	18.8	.2	47.4	3.5	648
15-17	6.5	43.2	31.4	18.7	.2	50.3	2.9	477
18-20								0
21-23								0
ALL HOURS	8.0	39.0	26.0	22.0	3.0	52.0	5.0	2221

MONTH: JUN HOURS: ALL

00-02								0
03-05								0
06-08	6.8	21.6	17.1	40.5	14.0	71.6	12.4	444
09-11	7.1	36.7	21.9	31.4	3.0	56.2	4.7	676
12-14	8.6	46.9	32.6	11.9		44.5	2.6	663
15-17	8.7	43.6	37.5	9.8	.4	47.7	2.0	461
18-20								0
21-23								0
ALL HOURS	7.8	38.1	27.3	23.0	3.7	54.1	5.0	2244

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	3.2	15.0	17.4	37.7	26.6	81.7	20.4	432
09-11	7.0	36.6	23.7	29.4	3.3	56.4	11.5	659
12-14	7.4	56.2	27.3	8.9	.2	36.4	5.1	651
15-17	6.3	48.8	34.6	10.1	.2	44.9	4.3	445
18-20								0
21-23								0
ALL HOURS	6.0	40.0	25.0	21.0	6.0	53.0	9.0	2187

MONTH: AUG HOURS: ALL

00-02								0
03-05								0
06-08	4.5	13.9	12.1	43.7	25.8	81.6	21.2	462
09-11	5.7	3.6	25.6	32.5	2.6	60.6	13.8	696
12-14	4.5	64.2	26.4	4.8		31.2	4.7	682
15-17	3.8	59.9	29.9	6.5		36.3	4.4	479
18-20								0
21-23								0
ALL HOURS	4.7	44.1	24.0	21.2	5.9	51.1	10.7	2319

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	11.4	21.6	21.6	24.8	20.7	67.0	11.6	440
09-11	11.9	37.7	24.0	22.6	3.8	50.5	9.7	658
12-14	8.2	53.8	27.3	10.8		38.0	5.2	660
15-17	7.4	46.3	31.5	14.6	.2	46.3	4.7	486
18-20								0
21-23								0
ALL HOURS	9.0	41.0	26.0	17.0	5.0	49.0	7.0	2244

MONTH: OCT HOURS: ALL

00-02								0
03-05								0
06-08	15.0	28.7	21.6	24.8	9.8	56.3	10.8	407
09-11	15.7	37.3	26.5	18.8	1.5	46.9	8.0	648
12-14	10.9	48.5	26.6	13.5	.5	40.6	4.5	651
15-17	8.6	43.8	27.6	19.0	1.0	47.6	4.6	479
18-20								0
21-23								0
ALL HOURS	12.6	40.5	25.9	18.4	2.7	46.9	6.7	2185

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	8.6	42.4	29.6	15.6	3.9	49.0	3.9	257
09-11	6.9	48.9	29.6	12.9	1.7	44.1	2.1	605
12-14	6.8	49.6	32.2	11.0	.3	43.6	2.7	599
15-17	5.5	43.3	36.2	13.8	1.2	51.2	4.3	586
18-20								0
21-23								0
ALL HOURS	6.0	46.0	32.0	12.0	1.0	46.0	3.0	2047

MONTH: DEC HOURS: ALL

00-02								0
03-05								0
06-08	15.7	37.5	32.6	11.2	3.0	46.8	4.1	267
09-11	12.3	39.8	33.6	13.3	.9	47.8	3.3	640
12-14	10.0	41.5	34.5	14.0		48.5	1.4	643
15-17	10.3	41.8	31.0	16.2	.6	47.9	1.3	629
18-20								0
21-23								0
ALL HOURS	11.5	40.6	33.0	14.1	.8	47.9	2.2	2179

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: JANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	7.5	27.3	22.6	27.6	13.0	63.2	11.1	4318
09-11	10.0	39.1	26.8	21.8	2.3	50.9	6.1	7851
12-14	8.6	47.8	29.6	13.8	.2	43.6	3.2	7778
15-17	7.4	43.9	32.1	16.0	.7	48.7	3.1	6520
18-20								0
21-23								0
ALL HOURS	8.9	40.9	28.2	18.9	3.0	50.2	5.3	26467

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	R RR	TT	EE
PPPPPPPP	AA AA	RRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5110-5212,5804-8908
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 100									.1				.0
GE 95				.1		.1	.1	.1	.6	.4			.1
GE 90				.5	.1	.6	.1	.1	1.7	2.0			.4
GE 85			.3	1.0	.2	.8	.3	.3	3.8	4.0	.2	.2	.9
GE 80	.6	.4	.7	2.2	.9	1.4	.7	1.1	7.7	8.0	3.1	1.4	2.4
GE 75	4.9	3.0	2.8	4.9	2.0	2.6	3.7	4.7	14.8	16.0	9.2	4.3	6.1
GE 70	11.2	8.4	7.3	9.6	4.8	6.4	12.0	18.7	30.3	33.0	21.8	13.3	14.8
GE 65	23.5	23.0	19.3	21.8	15.3	33.4	47.8	64.8	70.0	66.5	43.8	27.7	38.3
GE 60	50.2	54.3	47.7	54.6	60.4	88.3	94.6	97.2	97.7	94.6	80.4	56.6	73.3
GE 55	84.4	89.0	88.8	93.2	98.6	99.9	99.9	99.9	99.9	99.7	98.8	88.2	95.1
GE 50	99.1	99.1	99.6	99.7	100.0	100.0	100.0	100.0	99.9	99.9	99.9	98.7	99.7
GE 45	99.7	100.0	100.0	100.0					100.0	100.0	100.0	99.9	100.0
GE 40	99.9											100.0	100.0
GE 35	99.9												100.0
GE 33	100.0												100.0
GE 30													
MEAN	60.7	60.8	60.3	61.3	61.1	63.6	64.9	66.3	68.3	68.2	64.8	61.5	63.5
SD	6.59	5.79	5.71	6.43	4.63	4.66	4.20	4.28	6.85	7.26	6.39	6.72	6.53
TOTAL OBS	873	812	900	863	883	888	897	914	867	907	867	903	10574

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY ATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5110-5212,5804-8908
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80						.2							.0
GE 75						.5	.1		.1	.2			.1
GE 70			.1	.6		.8	.1	.1	.7	.6		.1	.3
GE 65	.1	.4	.1	.9	.6	.9	1.3	.5	3.1	1.4	.7	.1	.9
GE 60	.8	1.1	1.6	3.0	2.0	4.6	5.9	7.8	11.9	7.3	3.3	.8	4.2
GE 55	5.7	6.8	9.8	13.0	10.1	27.5	35.9	50.8	52.4	34.6	17.2	7.7	22.8
GE 50	23.3	25.5	36.0	39.5	55.7	81.9	93.8	96.6	90.2	72.0	47.1	24.9	57.6
GE 45	51.8	58.1	70.9	79.0	91.7	98.8	100.0	100.0	99.0	93.6	76.9	52.8	81.3
GE 40	78.9	88.7	91.0	97.0	99.4	100.0			100.0	99.1	94.1	81.0	94.2
GE 35	94.0	98.5	99.1	100.0	100.0					100.0	99.5	94.7	98.8
GE 33	96.7	99.8	99.7								99.9	97.8	99.5
GE 30	99.7	100.0	100.0								100.0	99.8	100.0
GE 25	100.0											100.0	100.0
MEAN	44.7	45.9	47.4	48.6	50.1	52.7	53.9	54.7	54.8	52.4	48.8	45.2	50.0
SD	6.38	5.62	5.49	5.37	4.09	4.20	3.45	3.19	4.55	5.29	5.85	6.41	6.21
TOTAL OBS	873	812	899	863	883	888	897	914	867	907	867	901	10571

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5110-5212,5804-8908
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85						.2			.1	.1			.0
GE 80				.2		.8	.1		.9	.4			.2
GE 75				.7	.2	.9	.2	.3	2.5	1.7	.1		.6
GE 70	.2		.6	1.7	1.0	1.4	1.7	1.3	6.8	5.5	1.4	.6	1.9
GE 65	2.3	2.2	2.3	4.5	2.5	4.3	7.0	11.6	21.9	17.0	8.7	3.1	7.3
GE 60	10.7	9.1	11.9	14.6	11.0	30.9	44.5	62.1	66.4	56.6	29.2	14.5	30.4
GE 55	37.9	38.8	42.7	49.9	62.9	90.7	97.8	99.8	98.8	91.2	67.2	42.0	68.6
GE 50	72.6	81.8	86.0	91.9	99.1	100.0	100.0	100.0	99.9	99.7	94.3	76.4	91.9
GE 45	94.6	99.0	98.7	99.9	100.0				100.0	100.0	99.9	95.9	99.0
GE 40	99.7	100.0	100.0	100.0							100.0	99.7	99.9
GE 35	99.9											100.0	100.0
GE 33	99.9												100.0
GE 30	100.0												100.0
MEAN	52.9	53.6	54.1	55.2	55.8	58.4	59.7	60.7	61.8	60.6	57.0	53.6	57.0
SD	5.39	4.57	4.65	5.01	3.55	3.87	3.32	3.10	4.73	5.07	5.10	5.64	5.50
TOTAL OBS	873	812	899	863	883	888	897	914	867	907	867	901	10571

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5110-5212,5804-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
51										91	78	66	91*
52	70	77	72	82	73	72	70	73	79	70	81	79	82
58				*	*	70	70	82	92	83	82	87	92*
59	73	70	79	88	74	67	85	79	71	90	82	81	90
60	73	71	78	83	72	75	78	72	79	83	67	72	83
61	77	72	68	77	66	76	76	74	89	93	77	73	93
62	78	61	67	78	66	75	66	96	75	80	76	80	96
63	74	78	73	69	67	66	72	75	85	77	83	80	85
64	67	75	73	84	63	67	75	73	89	95	78	66	95
65	74	76	67	75	67	66	71	78	87	99	70	75	99
66	71	70	76	90	65	77	70	73	84	94	87	73	94
67	75	73	64	61	88	64	73	75	85	90	84	73	90
68	76	74	74	86	72	72	73	85	98	88	80	75	98
69	73	66	77	69	69	71	73	76	76	84	79	77	84
70	66	68	70	76	93	73	75	73	100	83	80	69	100
71	83	83	77	83	65	77	76	83	89	97	81	66	97
72	71	70	77	75	71	79	75	80	82	88	76	72	88
73	74	72	63	77	78	92	78	69	93	86	81	74	93
74	73	70	71	76	73	71	74	70	73	86	83	72	86
75	78	64	62	65	70	68*	69*	75*	92*	81*	79*	86*	92*
76	82*	68*	79*	68*	84*	98*	69*	73*	80*	84*	84*	78*	98*
77	77*	77*	68*	71*	65*	68*	80*	80*	78*	78*	81*	81*	81*
78	66*	69*	87*	68*	82*	70*	68*	75*	87*	79*	74*	69*	87*
79	67*	62*	73*	68*	80*	72*	73*	67*	77*	71*	73*	82*	82*
80	71*	75*	67*	77*	65*	84*	79*	77*	95*	92*	78*	82*	95*
81	73*	77*	71*	85*	72*	92*	77*	73*	72*	81*	79*	76*	92*
82	66*	72*	66*	76*	65*	67*	71*	75*	80*	79*	75*	68*	80*
83	77*	68*	65*	69*	70*	72*	85*	74*	84*	92*	73*	70*	92*
84	76*	75*	80*	79*	81*	67*	77*	88*	97	76*	70*	71*	97*
85	67*	77*	61*	83	68*	71*	95*	75*	81*	88*	74*	75*	95*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5110-5212,5804-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	77*	73*	76*	79*	69*	68*	73*	83	73*	74*	80*	73*	83*
87	63*	78*	78*	82*	78*	73*	73*	75*	80*	96*	75*	64*	96*
88	79*	79	86*	76*	68*	69*	75*	76*	80	75*	78*	82*	86*
89	73*	71*	71*	97*	70*	77*	72*	71*					97*

GREATEST	83	83	87	97	93	98	95	96	100	99	87	87	100
TOTAL OBS	873	812	900	863	883	888	897	914	867	907	867	903	10574

THE GREATEST VALUE OF 100 OCCURRED ON 09/27/70

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5110-5212,5804-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
51										38	34	31	31*
52	30	32	31	40	37	41	52	47	41	43	36	38	30
58				*	*	47	50	53	49	49	32	34	32*
59	35	37	41	45	43	46	50	52	50	50	45	41	35
60	32	40	42	40	44	49	49	48	48	45	37	30	30
61	32	35	36	36	41	45	45	48	46	35	35	37	32
62	30	31	35	39	41	44	48	45	47	42	41	34	30
63	34	48	39	41	43	47	49	48	52	51	42	38	34
64	35	33	34	36	39	45	45	49	43	43	33	32	32
65	33	34	40	37	39	43	45	49	45	42	39	31	31
66	30	33	35	39	43	43	46	49	43	40	39	30	30
67	36	36	37	39	43	43	48	52	50	44	38	26	26
68	30	38	39	37	41	46	50	50	43	44	39	33	30
69	35	38	36	39	42	45	48	47	52	43	40	33	33
70	31	37	36	36	40	45	49	48	43	44	40	36	31
71	30	37	32	39	42	45	46	48	45	36	37	30	30
72	34	36	32	36	43	48	48	47	45	38	38	31	31
73	28	40	37	41	43	46	48	47	49	43	41	42	28
74	35	37	38	44	45	48	49	52	47	45	37	30	30
75	30	33	33	36	41	50*	50*	52*	49*	38*	39*	33*	30*
76	25*	39*	35*	42*	49*	48*	51*	53*	53*	48*	43*	40*	25*
77	39*	40*	44*	44*	43*	50*	53*	55*	53*	43*	44*	46*	39*
78	40*	44*	52*	49*	51*	51*	50*	50*	50*	47*	42*	33*	33*
79	35*	40*	44*	49*	50*	46*	50*	51*	50*	48*	41*	40*	35*
80	41*	44*	48*	49*	50*	51*	52*	50*	47*	45*	41*	43*	41*
81	38*	41*	42*	47*	48*	51*	52*	52*	48*	43*	48*	43*	38*
82	33*	38*	42*	45*	49*	51*	51*	51*	49*	42*	45*	40*	33*
83	40*	43*	48*	43*	48*	53*	56*	53*	55*	47*	38*	41*	38*
84	36*	38*	42*	40*	46*	51*	54*	55*	52	46*	42*	39*	36*
85	40*	36*	45*	48	47*	51*	53*	49*	46*	41*	37*	32*	32*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5110-5212,5604-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	43*	40*	42*	43*	46*	50*	49*	52	49*	46*	41*	40*	40*
87	30*	36*	41*	44*	50*	52*	50*	49*	56*	53*	44*	35*	30*
88	39*	38	42*	44*	47*	49*	52*	51*	50	52*	46*	33*	33*
89	37*	37*	45*	42*	44*	51*	52*	50*					37*

LEAST	25	31	31	36	37	41	45	45	41	35	32	26	25
TOTAL OBS	873	812	899	863	883	888	897	914	867	907	867	901	10571

THE LEAST VALUE OF 25 OCCURRED ON 01/02/76

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5110-5212,5804-8908
MONTH: ALL HOURS: ALL

EAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
51										60	55	49	55*
52	48	52	49	54	54	55	59	58	60	55	55	52	54
58				*	*	59	60	63	65	62	57	57	60*
59	56	52	58	57	55	56	60	61	60	63	62	57	58
60	51	54	55	55	54	58	59	57	59	58	53	50	55
61	55	53	52	54	54	57	59	61	60	59	53	51	56
62	51	50	50	54	54	57	57	60	58	59	56	56	55
63	53	59	53	53	56	57	58	61	64	62	58	56	57
64	52	51	50	52	52	56	57	59	59	59	53	52	54
65	52	50	52	54	53	56	57	60	60	63	56	50	55
66	50	49	53	56	56	58	58	60	61	62	58	53	56
67	54	53	51	50	56	55	60	61	64	62	59	49	56
68	50	55	55	55	56	58	60	61	62	60	57	51	57
69	53	51	52	54	55	60	60	59	61	61	58	53	57
70	53	53	52	52	56	55	58	58	61	59	57	51	55
71	53	52	53	53	54	55	58	63	62	57	54	49	55
72	51	53	55	54	55	59	61	60	61	60	55	51	56
73	50	55	51	53	56	59	58	58	61	60	54	54	56
74	52	52	53	55	55	59	60	61	60	60	57	51	56
75	51	50	51	50	55	59*	58*	60*	62*	61*	58*	56*	55*
76	57*	54*	55*	55*	57*	64*	60*	63*	64*	64*	65*	58*	60*
77	56*	58*	54*	56*	57*	58*	62*	63*	64*	60*	64*	61*	59*
78	57*	56*	62*	60*	62*	60*	58*	59*	65*	59*	57*	52*	59*
79	52*	52*	55*	57*	59*	59*	60*	59*	61*	62*	57*	58*	57*
80	57*	58*	57*	59*	58*	60*	61*	61*	61*	62*	59*	59*	59*
81	57*	56*	56*	58*	56*	65*	62*	62*	61*	61*	59*	57*	59*
82	50*	54*	55*	59*	56*	58*	59*	60*	64*	62*	58*	56*	58*
83	58*	57*	58*	57*	58*	62*	63*	64*	67*	64*	57*	55*	60*
84	55*	55*	60*	57*	58*	59*	66*	67*	71	61*	57*	54*	60*
85	53*	55*	54*	57	57*	61*	63*	61*	62*	60*	54*	56*	58*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 5110-5212,5804-8908
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	58*	57*	57*	57*	55*	59*	61*	60	60*	60*	59*	54*	58*
87	49*	53*	56*	60*	61*	60*	62*	64*	64*	64*	59*	53*	59*
88	55*	58	58*	56*	57*	59*	62*	64*	62	61*	60*	55*	59*
89	54*	52*	57*	63*	57*	62*	60*	60*					58*
MEAN	52.9	53.6	54.1	55.2	55.8	58.4	59.7	60.7	61.8	60.6	57.0	53.6	57.0
TOTAL OBS	873	812	899	863	883	888	897	914	867	907	867	901	10571

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	47.6	5.700	269	0	2	0	0	0	269
09-11	56.1	5.968	645	0	0	61	0	0	645
12-14	60.6	5.864	641	0	0	145	0	0	641
15-17	57.9	4.994	632	0	0	74	0	0	632
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	56.9	6.836	2187	0	2	280	0	0	2187

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	49.4	5.669	255	0	0	0	0	0	255
09-11	57.0	5.869	618	0	0	65	0	0	618
12-14	60.8	5.571	611	0	0	131	0	0	611
15-17	58.5	5.072	598	0	0	64	0	0	598
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	57.6	6.524	2082	0	0	260	0	0	2082

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	52.2	3.940	288	0	0	1	0	0	288
09-11	58.0	4.980	687	0	0	63	1	0	687
12-14	60.2	4.811	672	0	0	100	3	0	672
15-17	57.7	3.849	667	0	0	33	0	0	667
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	57.8	5.028	2314	0	0	197	4	0	2314

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	55.0	5.256	349	0	0	18	0	0	349
09-11	60.3	6.883	664	0	0	122	16	1	664
12-14	61.6	6.491	657	0	0	134	20	4	657
15-17	59.2	5.425	582	0	0	65	9	0	582
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	59.6	6.579	2252	0	0	339	45	5	2252

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	54.8	3.880	443	0	0	14	0	0	443
09-11	58.9	3.990	653	0	0	52	1	0	653
12-14	60.7	3.706	648	0	0	78	2	0	648
15-17	59.6	3.627	476	0	0	40	1	0	476
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	58.8	4.278	2220	0	0	184	4	0	2220

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	57.1	4.393	444	0	0	22	3	0	444
09-11	61.3	5.229	676	0	0	130	10	0	676
12-14	63.5	4.086	662	0	0	228	8	0	662
15-17	62.4	3.895	461	0	0	113	3	0	461
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	61.4	5.091	2243	0	0	493	24	0	2243

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	58.1	4.640	432	0	0	39	2	0	432
09-11	62.3	5.150	659	0	0	211	4	0	659
12-14	65.4	4.269	651	0	0	339	6	0	651
15-17	64.4	4.401	445	0	0	185	5	0	445
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	63.0	5.300	2187	0	0	774	17	0	2187

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	58.4	3.706	460	0	0	31	1	0	460
09-11	63.4	5.154	696	0	0	255	7	0	696
12-14	66.3	3.845	681	0	0	456	3	0	681
15-17	65.3	4.101	479	0	0	266	3	0	479
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	63.6	5.203	2316	0	0	1008	14	0	2316

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	59.6	5.802	440	0	0	66	3	0	440
09-11	65.8	7.284	658	0	0	324	39	4	658
12-14	67.9	6.448	660	0	0	455	41	6	660
15-17	66.5	6.829	486	0	0	258	26	3	486
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	65.4	7.234	2244	0	0	1103	109	13	2244

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	56.9	5.419	405	0	0	30	2	0	405
09-11	64.4	6.742	648	0	0	266	26	3	648
12-14	66.2	5.634	651	0	0	351	21	1	651
15-17	63.4	4.947	479	0	0	160	6	0	479
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	63.3	6.675	2183	0	0	807	55	4	2183

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	51.9	5.533	255	0	0	4	0	0	255
09-11	60.1	5.678	605	0	0	119	0	0	605
12-14	63.0	5.002	599	0	0	192	1	0	599
15-17	59.6	4.198	586	0	0	69	0	0	586
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	59.8	6.002	2045	0	0	384	1	0	2045

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	48.6	5.718	267	0	1	1	0	0	267
09-11	57.1	6.463	640	0	0	79	0	0	640
12-14	61.4	6.421	643	0	0	161	9	0	643
15-17	57.9	5.089	629	0	0	68	1	0	629
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	57.6	7.126	2179	0	1	309	10	0	2179

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	55.0	6.225	4307	0	3	226	11	0	4307
09-11	60.5	6.598	7849	0	0	1747	104	8	7849
12-14	63.2	5.887	7776	0	0	2770	114	11	7776
15-17	60.7	5.654	6520	0	0	1395	54	3	6520
18-20	.0	.000		0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	60.4	6.660	26452	0	3	6138	283	22	26452

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	43.2	5.819	269	7	40	0	0	0	269
09-11	49.2	4.530	645	2	328	0	0	0	645
12-14	51.9	3.617	641	0	480	0	0	0	641
15-17	50.9	3.718	630	0	415	0	0	0	630
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	49.7	5.007	2185	9	1263	0	0	0	2185

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	45.6	5.773	255	2	74	0	0	0	255
09-11	50.6	4.730	618	0	359	0	0	0	618
12-14	52.6	4.075	609	0	467	0	0	0	609
15-17	51.8	3.977	598	0	426	0	0	0	598
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	50.9	4.972	2080	2	1326	0	0	0	2080

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	48.7	3.705	287	0	121	0	0	0	287
09-11	52.3	3.765	687	0	517	0	0	0	687
12-14	53.6	3.482	669	0	579	4	0	0	669
15-17	52.4	3.234	664	0	533	2	0	0	664
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	52.2	3.827	2307	0	1750	6	0	0	2307

MONTH: APR

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	50.5	3.462	348	0	204	0	0	0	348
09-11	53.3	4.044	664	0	548	3	0	0	664
12-14	54.2	3.692	657	0	600	6	0	0	657
15-17	52.8	3.193	582	0	504	0	0	0	582
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	53.0	3.818	2251	0	1856	9	0	0	2251

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	51.1	3.166	443	0	301	0	0	0	443
09-11	53.6	3.075	652	0	607	0	0	0	652
12-14	54.5	2.861	647	0	629	1	0	0	647
15-17	53.7	2.866	476	0	449	0	0	0	476
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	53.4	3.233	2218	0	1986	1	0	0	2218

MONTH: JUN

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	53.6	2.883	444	0	420	0	0	0	444
09-11	56.0	3.060	676	0	675	3	0	0	676
12-14	57.2	2.662	662	0	662	1	0	0	662
15-17	56.5	2.569	461	0	461	0	0	0	461
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	56.0	3.017	2243	0	2218	4	0	0	2243

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	55.1	2.937	432	0	431	0	0	0	432
09-11	58.1	2.942	659	0	659	7	0	0	659
12-14	59.3	2.427	651	0	651	4	0	0	651
15-17	58.5	2.687	445	0	445	3	0	0	445
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	57.9	3.160	2187	0	2186	14	0	0	2187

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	55.7	2.645	457	0	457	1	0	0	457
09-11	58.6	2.951	696	0	696	13	0	0	696
12-14	60.0	2.485	681	0	681	13	0	0	681
15-17	59.3	2.514	479	0	479	4	0	0	479
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	58.6	2.996	2313	0	2313	31	0	0	2313

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	56.4	3.956	440	0	428	10	0	0	440
09-11	59.8	4.313	657	0	657	55	11	0	657
12-14	60.8	3.833	660	0	660	59	9	0	660
15-17	60.0	4.072	485	0	485	47	2	0	485
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	59.5	4.379	2242	0	2230	171	22	0	2242

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	52.5	4.323	404	0	303	0	0	0	404
09-11	56.7	3.812	646	0	633	3	0	0	646
12-14	58.0	3.453	650	0	650	6	0	0	650
15-17	56.9	3.247	479	0	476	1	0	0	479
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	56.4	4.178	2179	0	2062	10	0	0	2179

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	47.2	5.866	255	1	92	0	0	0	255
09-11	52.3	4.684	605	0	437	1	0	0	605
12-14	54.3	4.11	599	0	526	3	0	0	599
15-17	53.3	3.843	586	0	487	2	0	0	586
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	52.5	4.926	2045	1	1542	6	0	0	2045

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	43.8	5.413	265	7	36	0	0	0	265
09-11	49.6	4.384	637	0	347	0	0	0	637
12-14	52.4	3.617	641	0	501	0	0	0	641
15-17	51.2	3.477	629	0	457	0	0	0	629
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	50.2	4.804	2172	7	1341	0	0	0	2172

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	51.2	5.909	4299	17	2907	11	0	0	4299
09-11	54.2	5.253	7842	2	6463	85	11	0	7842
12-14	55.8	4.595	7767	0	7086	97	9	0	7767
15-17	54.4	4.615	6514	0	5617	59	2	0	6514
18-20	.0	.000	0	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0	0
ALL HOURS	54.2	5.248	26422	19	22073	252	22	0	26422

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	37.8	8.379	269	28	154	264	0	269
09-11	42.0	7.556	645	18	492	627	0	645
12-14	43.5	7.131	641	13	534	624	0	641
15-17	43.9	6.997	630	16	551	613	0	630
18-20	.0	.000	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	42.5	7.636	2185	75	1731	2128	0	2185

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	609
03-05	.0	.000	0	0	0	0	0	609
06-08	41.1	7.856	255	7	176	250	0	609
09-11	44.1	7.607	618	17	521	594	0	609
12-14	44.9	7.702	609	24	535	581	0	609
15-17	45.3	6.973	598	14	547	584	0	609
18-20	.0	.000	0	0	0	0	0	609
21-23	.0	.000	0	0	0	0	0	609
ALL HOURS	44.3	7.617	2080	62	1779	2009	0	2080

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	45.2	5.515	287	2	267	286	0	287
09-11	47.0	5.854	687	5	664	647	0	687
12-14	47.8	5.521	669	2	651	624	4	669
15-17	47.5	4.875	664	1	653	631	1	664
18-20	.0	.000	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	47.2	5.550	2307	10	2235	2188	5	2307

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	657
03-05	.0	.000	0	0	0	0	0	657
06-08	46.4	4.644	348	0	339	345	0	657
09-11	47.3	5.271	664	0	645	633	0	657
12-14	47.8	4.866	657	0	647	619	0	657
15-17	47.0	4.450	582	0	574	570	0	657
18-20	.0	.000	0	0	0	0	0	657
21-23	.0	.000	0	0	0	0	0	657
ALL HOURS	47.2	4.918	2251	0	2205	2167	0	2251

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	47.8	4.374	443	0	435	425	0	443
09-11	49.0	4.258	652	0	650	607	1	652
12-14	49.3	4.048	647	0	647	605	1	647
15-17	48.7	3.942	476	0	474	445	0	476
18-20	.0	.000	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	48.8	4.270	2218	0	2206	2082	2	2218

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	662
03-05	.0	.000	0	0	0	0	0	662
06-08	50.7	3.172	444	0	444	413	0	662
09-11	51.8	3.407	676	0	676	588	0	662
12-14	52.4	3.534	662	0	662	542	1	662
15-17	51.7	3.242	461	0	461	416	0	662
18-20	.0	.000	0	0	0	0	0	662
21-23	.0	.000	0	0	0	0	0	662
ALL HOURS	51.8	3.484	2243	0	2243	1959	1	2243

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	52.9	2.806	432	0	432	359	0	432
09-11	54.6	2.952	659	0	659	436	5	659
12-14	54.9	2.921	651	0	651	404	4	651
15-17	54.2	2.994	445	0	445	312	2	445
18-20	.0	.000	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	54.3	3.028	2187	0	2187	1511	11	2187

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	681
03-05	.0	.000	0	0	0	0	0	681
06-08	53.8	2.366	457	0	457	377	0	681
09-11	55.2	2.598	696	0	696	427	2	681
12-14	55.5	2.478	681	0	681	350	1	681
15-17	55.1	2.448	479	0	479	296	0	681
18-20	.0	.000	0	0	0	0	0	681
21-23	.0	.000	0	0	0	0	0	681
ALL HOURS	55.0	2.701	2313	0	2313	1446	3	2313

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	54.0	3.975	440	0	440	304	7	440
09-11	55.8	4.229	657	0	657	334	22	657
12-14	56.1	3.932	660	0	660	324	15	660
15-17	55.5	4.072	485	0	485	270	14	485
18-20	.0	.000	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	55.5	4.140	2242	0	2242	1232	58	2242

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	.0	.000	0	0	0	0	0	650
03-05	.0	.000	0	0	0	0	0	650
06-08	48.5	6.666	404	7	381	363	0	650
09-11	50.4	6.993	646	13	609	522	0	650
12-14	51.5	6.140	650	7	632	498	0	650
15-17	51.7	5.045	479	1	472	384	0	650
18-20	.0	.000	0	0	0	0	0	650
21-23	.0	.000	0	0	0	0	0	650
ALL HOURS	50.7	6.419	2179	28	2094	1767	0	2179

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	41.9	8.850	255	17	188	244	0	255
09-11	44.7	8.573	605	20	498	561	1	605
12-14	46.2	7.812	599	6	526	552	3	599
15-17	47.4	6.717	586	5	548	541	2	586
18-20	.0	.000	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	45.6	8.117	2045	48	1760	1898	6	2045

MONTH: DEC

00-02	.0	.000	0	0	0	0	0	641
03-05	.0	.000	0	0	0	0	0	641
06-08	37.9	8.358	265	42	158	264	0	641
09-11	41.7	8.180	637	35	467	628	0	641
12-14	43.7	7.735	641	21	530	625	0	641
15-17	44.7	6.670	629	8	547	618	0	641
18-20	.0	.000	0	0	0	0	0	641
21-23	.0	.000	0	0	0	0	0	641
ALL HOURS	42.7	7.981	2172	106	1702	2135	0	2172

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	47.7	7.750	4299	103	3871	3890	7	4299
09-11	48.7	7.656	7842	108	7234	6604	31	7842
12-14	49.6	7.119	7767	73	7356	6348	29	7767
15-17	48.9	6.578	6514	45	6236	5680	19	6514
18-20	.0	.000	0	0	0	0	0	0
21-23	.0	.000	0	0	0	0	0	0
ALL HOURS	48.9	7.287	26422	329	24697	22522	86	26422

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	96.3	88.1	77.7	57.6	33.1	7.4	70.2	269
09-11	100.0	100.0	96.0	84.2	72.1	57.1	39.1	20.0	5.7	61.9	645
12-14	100.0	98.1	91.9	79.9	66.0	46.5	24.2	10.9	2.7	56.3	641
15-17	100.0	99.2	95.1	88.1	79.2	62.1	33.7	14.6	4.1	62.0	630
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	99.2	95.0	85.	74.3	57.9	35.4	17.4	4.6	.0	2185

MONTH: FEB

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	98.4	92.2	86.3	68.6	39.6	14.1	74.1	255
09-11	100.0	99.5	96.4	89.8	80.1	63.9	42.2	21.2	6.6	64.6	618
12-14	100.0	97.9	94.1	85.7	72.2	53.0	25.5	12.8	3.6	58.9	609
15-17	100.0	99.0	97.0	90.8	82.9	65.1	38.0	17.4	3.8	63.8	598
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	98.9	96.3	90.0	80.1	63.8	39.3	19.9	5.9	.0	2080

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.7	98.6	96.5	90.2	78.0	57.8	17.1	78.2	287
09-11	100.0	100.0	98.5	95.2	87.3	75.8	50.9	27.5	7.6	68.7	687
12-14	100.0	99.9	98.5	94.9	87.4	68.8	39.5	16.0	2.5	65.4	669
15-17	100.0	99.8	99.8	98.5	93.2	84.3	50.5	21.8	4.8	69.8	664
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	99.9	99.0	96.5	90.2	78.0	50.8	26.3	6.5	.0	2307

MONTH: APR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.7	96.8	91.7	85.1	70.1	41.7	16.1	74.5	348
09-11	100.0	99.8	97.1	92.5	82.4	65.5	39.8	17.2	6.3	64.5	664
12-14	100.0	99.5	96.7	92.5	85.1	64.2	29.8	11.0	2.7	62.7	657
15-17	100.0	99.7	97.6	95.4	90.7	74.1	37.5	13.1	3.1	65.8	582
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	99.7	97.5	93.9	86.8	70.4	41.0	18.1	6.0	.0	2251

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.3	98.9	97.7	93.7	81.5	50.1	16.7	78.3	443
09-11	100.0	100.0	99.5	98.8	96.6	85.1	50.2	23.2	7.5	70.5	652
12-14	100.0	100.0	99.1	99.1	97.8	80.1	38.2	13.0	2.3	67.1	647
15-17	100.0	99.8	99.4	99.2	98.5	84.0	42.4	15.1	1.1	68.1	476
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	100.0	99.3	99.0	97.6	85.1	51.3	23.9	6.4	.0	2218

MONTH: JUN

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	99.3	98.4	97.1	81.1	55.4	24.3	80.2	444
09-11	100.0	100.0	99.1	98.8	97.3	85.1	57.4	31.1	12.1	72.4	676
12-14	100.0	100.0	99.5	98.8	96.8	78.2	43.7	13.9	3.3	67.8	662
15-17	100.0	100.0	100.0	99.1	97.4	85.2	48.6	15.2	1.3	68.8	461
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	100.0	99.6	99.0	97.4	85.5	56.2	27.6	9.7	.0	2243

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.5	99.3	98.4	96.8	9.0	73.1	37.3	84.0	432
09-11	100.0	100.0	99.5	99.1	97.9	92.0	70.4	44.5	13.1	75.7	659
12-14	100.0	100.0	99.7	98.6	96.8	88.2	54.8	12.0	2.9	69.5	651
15-17	100.0	100.0	99.6	98.2	96.9	89.2	60.2	15.1	1.8	70.3	445
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	100.0	99.6	98.8	97.4	91.2	67.6	34.5	12.5	.0	2187

MONTH: AUG

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	99.8	99.6	95.2	77.9	34.1	85.0	457
09-11	100.0	100.0	100.0	99.9	98.1	92.4	72.6	42.1	12.2	75.8	396
12-14	100.0	100.0	100.0	99.7	97.2	85.2	53.7	9.0	.4	68.7	681
15-17	100.0	100.0	100.0	99.6	98.5	89.1	57.6	13.8	1.9	70.2	479
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	100.0	100.0	99.8	98.3	91.0	68.4	33.5	10.9	.0	2313

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP

HOURS	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.8	99.3	97.7	94.5	90.0	71.8	31.1	82.7	440
09-11	100.0	99.8	99.2	97.4	93.3	83.7	60.4	32.0	11.6	72.0	657
12-14	100.0	100.0	99.7	97.4	92.9	76.8	45.8	13.2	2.4	67.1	660
15-17	100.0	100.0	99.8	97.1	92.2	82.9	54.8	19.2	3.3	69.0	485
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	100.0	99.6	97.7	93.8	83.6	60.7	31.5	10.9	.0	2242

MONTH: OCT

00-02										.0	0
03-05										.0	0
06-08	100.0	99.5	97.3	93.8	91.3	86.9	77.2	55.2	16.8	75.9	404
09-11	100.0	97.7	93.7	88.4	79.7	66.4	45.5	22.0	5.7	64.2	646
12-14	100.0	98.5	95.1	91.4	80.9	63.7	34.5	7.2	1.7	61.8	650
15-17	100.0	99.6	96.9	94.4	90.0	81.4	49.5	14.6	1.5	67.3	479
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	98.7	95.5	91.6	84.5	72.7	49.0	22.1	5.6	.0	2179

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	98.8	93.3	86.3	76.5	58.8	37.3	11.0	70.5	255
09-11	100.0	98.7	94.2	83.3	70.4	55.4	33.4	16.5	5.6	60.0	605
12-14	100.0	99.0	94.0	82.6	67.4	47.2	25.9	11.0	2.8	57.1	599
15-17	100.0	99.7	97.6	93.9	84.5	70.3	45.6	22.9	4.3	66.1	586
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	99.2	95.7	87.4	75.6	59.9	37.8	19.3	5.1	.0	2045

MONTH: DEC

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	98.5	91.3	81.5	70.2	59.2	31.3	6.4	68.5	265
09-11	100.0	97.6	88.7	80.5	71.4	57.1	39.2	20.7	5.8	60.5	637
12-14	100.0	95.9	88.0	77.5	65.2	46.5	28.1	11.5	2.5	56.1	641
15-17	100.0	98.7	94.9	89.8	79.5	65.8	44.4	21.8	4.3	64.4	629
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	97.7	91.5	83.7	73.2	58.1	39.9	19.6	4.5	.0	2172

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.4	97.5	94.3	89.6	78.1	54.8	21.2	77.9	4299
09-11	100.0	99.5	96.9	92.5	85.8	73.7	50.4	26.7	8.4	67.7	7842
12-14	100.0	99.1	96.4	91.7	84.1	66.9	37.2	11.8	2.5	63.3	7767
15-17	100.0	99.6	98.0	95.0	89.6	76.8	46.2	17.3	3.1	66.9	6514
18-20										.0	0
21-23										.0	0
ALL HOURS	100.0	99.5	97.4	93.7	87.6	75.0	50.0	24.6	7.4	67.9	26422

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	MEAN	1018.8	1017.0	1017.4	1015.5	1015.3	1014.2	1014.7	1014.3	1013.6	1015.7	1017.6	1018.8	1015.2
	SD	4.932	4.546	3.931	3.025	2.560	2.246	2.292	2.345	2.823	2.623	4.116	3.679	3.212
	TOT OBS	57	54	60	128	222	221	215	226	221	188	54	54	1700
1000	MEAN	1019.8	1018.5	1017.5	1016.5	1015.7	1014.7	1015.1	1014.8	1014.1	1016.5	1018.8	1019.7	1016.7
	SD	4.520	4.759	4.628	3.188	2.570	2.215	2.272	2.351	2.764	2.731	4.021	4.425	3.972
	TOT OBS	209	207	230	222	217	226	219	233	220	214	199	189	2585
1300	MEAN	1018.2	1017.3	1016.6	1016.0	1015.4	1014.6	1014.9	1014.3	1013.4	1015.3	1017.4	1017.8	1015.9
	SD	4.386	4.711	4.535	3.050	2.463	2.274	2.275	2.321	2.755	2.697	3.854	4.438	3.719
	TOT OBS	204	208	222	218	215	222	215	227	220	216	197	191	2555
1600	MEAN	1017.7	1016.5	1015.9	1015.1	1014.7	1013.9	1014.1	1013.4	1012.5	1014.8	1016.9	1017.4	1015.2
	SD	4.403	4.674	4.480	3.095	2.380	2.333	2.299	2.337	2.697	2.710	3.871	4.326	3.737
	TOT OBS	201	199	225	217	218	217	213	224	220	216	195	188	2533
1900	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	MEAN	1018.6	1017.4	1016.7	1015.8	1015.2	1014.4	1014.7	1014.2	1013.4	1015.6	1017.7	1018.4	1015.8
	SD	4.564	4.774	4.548	3.145	2.522	2.286	2.317	2.393	2.814	2.764	4.008	4.446	3.765
	TOT OBS	671	668	737	785	872	886	862	910	881	834	645	622	9373

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	MEAN	30.08	30.03	30.05	29.99	29.98	29.96	29.97	29.96	29.94	30.00	30.05	30.08	29.98
	SD	.138	.134	.114	.089	.076	.067	.067	.071	.083	.078	.125	.109	.094
	TOT OBS	59	54	62	128	222	221	215	229	221	190	56	55	1712
1000	MEAN	30.12	30.08	30.05	30.02	30.00	29.97	29.99	29.98	29.96	30.03	30.09	30.12	30.03
	SD	.132	.141	.137	.094	.076	.066	.068	.071	.082	.080	.125	.130	.117
	TOT OBS	216	208	230	222	217	226	219	233	220	214	202	212	2619
1300	MEAN	30.08	30.05	30.03	30.01	29.99	29.97	29.98	29.96	29.94	29.99	30.05	30.06	30.01
	SD	.127	.140	.135	.090	.073	.068	.068	.070	.081	.080	.119	.133	.110
	TOT OBS	21	208	222	218	215	222	215	227	220	216	199	214	2587
1600	MEAN	30.06	30.02	30.00	29.98	29.97	29.95	29.96	29.94	29.91	29.98	30.03	30.05	29.99
	SD	.129	.138	.133	.092	.071	.069	.069	.071	.080	.080	.120	.131	.111
	TOT OBS	209	199	225	217	218	217	213	224	220	216	197	210	2565
1900	MEAN	.00	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	MEAN	30.09	30.05	30.03	30.00	29.99	29.96	29.97	29.96	29.94	30.00	30.06	30.08	30.00
	SD	.132	.141	.135	.093	.075	.068	.069	.072	.083	.082	.124	.132	.112
	TOT OBS	695	669	739	785	872	886	862	913	881	836	654	691	9483

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	MEAN	29.68	29.63	29.65	29.59	29.58	29.56	29.57	29.56	29.54	29.60	29.65	29.68	29.58
	SD	.138	.134	.114	.089	.076	.067	.067	.071	.083	.078	.125	.109	.094
	TOT OBS	59	54	62	128	222	221	215	229	221	190	56	55	1712
1000	MEAN	29.72	29.68	29.65	29.62	29.60	29.57	29.59	29.58	29.56	29.63	29.69	29.72	29.63
	SD	.131	.141	.137	.094	.076	.066	.068	.071	.082	.080	.125	.130	.117
	TOT OBS	216	208	230	222	217	226	219	233	220	214	202	212	2619
1300	MEAN	29.68	29.65	29.63	29.61	29.59	29.57	29.58	29.56	29.54	29.59	29.65	29.66	29.61
	SD	.127	.140	.134	.090	.073	.068	.068	.070	.081	.080	.119	.133	.110
	TOT OBS	211	208	222	218	215	222	215	227	220	216	199	214	2587
1600	MEAN	29.66	29.62	29.60	29.58	29.57	29.55	29.56	29.54	29.51	29.58	29.63	29.65	29.59
	SD	.129	.138	.132	.092	.071	.069	.069	.071	.080	.080	.120	.131	.111
	TOT OBS	209	199	225	217	218	217	213	224	220	216	197	210	2565
1900	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	MEAN	29.69	29.65	29.63	29.60	29.59	29.56	29.57	29.56	29.54	29.60	29.66	29.68	29.60
	SD	.132	.141	.134	.093	.075	.068	.069	.072	.083	.082	.124	.132	.112
	TOT OBS	695	669	739	785	872	886	862	913	881	836	654	691	9483

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGCGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 122-302

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	1.8			271	2.6	.5		645
CATEGORY B				0				0	1.8	1.1		271	3.4	1.6		645

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.3	.3		641	3.3			632				0				0
CATEGORY B	4.5	1.1		641	4.7	.9		632				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.9	.2		2189	2.9	.2		2189
CATEGORY B	3.9	1.2		2189	3.9	1.2		2189

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 122-302

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	2.0	.8		255	6.3	1.0		618
CATEGORY B				0				0	2.4	2.4		255	8.1	2.9	.3	618

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.4	1.1		611	3.9	.8		597				0				0
CATEGORY B	9.0	2.8	.3	611	5.5	2.0	.2	597				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.4	1.0		2081	5.4	1.0		2081
CATEGORY B	6.9	2.5	.2	2081	6.9	2.5	.2	2081

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 122-302

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	1.7	.3		290	3.1	.6		687
CATEGORY B				0				0	2.8	1.4	.3	290	4.9	1.6	.4	687

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.9	.1		672	2.4	.1		667				0				0
CATEGORY B	6.5	.9		672	4.3	.7		667				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.9	.3		2316	2.9	.3		2316
CATEGORY B	5.0	1.1	.2	2316	5.0	1.1	.2	2316

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 122-302

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	1.7			349	2.7	.6		666
CATEGORY B				0				0	2.0			349	4.1	1.1	.3	666

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.1	.8		657	1.7			582				0				
CATEGORY B	3.8	.8	.3	657	3.4	.3		582				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.1	.4		2254	2.1	.4		2254
CATEGORY B	3.5	.6	.2	2254	3.5	.6	.2	2254

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 122-302

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0				443		.6		653
CATEGORY B				0				0	.2			443	1.2	.2		653

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.7			648	2.7	.2		477				0				0
CATEGORY B	3.7	.6		648	5.2	.6		477				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.3	.0		2221	1.3	.0		2221
CATEGORY B	2.6	.4		2221	2.6	.4		2221

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 122-302

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0				444	.3			676
CATEGORY B				0				0				444	.3			676

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.3	.2		662	2.0			461				0				0
CATEGORY B	2.9	.5		662	2.4	.4		461				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.2	.0		2243	1.2	.0		2243
CATEGORY B	1.4	.2		2243	1.4	.2		2243

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 122-302

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0				432		.2		659
CATEGORY B				0				0				432		.2		659

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.8			651	.4			445				0				0
CATEGORY B	1.1			651	.4			445				0				0

TIME (LST)	0600 - 200				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.4			2187	.4			2187
CATEGORY B	.5			2187	.5			2187

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 122-302

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0				463				696
CATEGORY B				0				0				463				696

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.4			681	.2			479				0				0
CATEGORY B	.4			681	.4			479				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.2			2319	.2			2319
CATEGORY B	.2			2319	.2			2319

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 122-302

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0				440	.6			657
CATEGORY B				0				0				440	.6			657

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.8			660	1.2			486				0				0
CATEGORY B	4.1	.5		660	1.4			486				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.6			2243	1.6			2243
CATEGORY B	1.7	.1		2243	1.7	.1		2243

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 122-302

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 AUG 80
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	.5			407	2.5			648
CATEGORY B				0				0	.7			407	3.2	.9		648

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.8			651	.6			479				0				0
CATEGORY B	2.8	.2		651	.6			479				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.8			2185	1.8			2185
CATEGORY B	2.1	.3		2185	2.1	.3		2185

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 122-302

STATION NUMBER: 73930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	.8			257	2.3			605
CATEGORY B				0				0	1.2			257	4.3	.8		605

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.7			599	3.6			586				0				0
CATEGORY B	4.5	1.0		599	4.1	1.0		586				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.9			2047	2.9			2047
CATEGORY B	3.9	.8		2047	3.9	.8		2047

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 122-302

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	1.1			267	3.4			640
CATEGORY B				0				0	1.9	.4		267	4.2	1.6	.2	640

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.4	.8		641	3.7	1.4		629				0				0
CATEGORY B	5.1	2.8	.6	641	4.8	2.5	.8	629				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.5	.6		2177	3.5	.6		2177
CATEGORY B	4.4	2.1	.5	2177	4.4	2.1	.5	2177

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 122-302

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 79 - AUG 89
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	.6	.1		4318	2.0	.2		7850
CATEGORY B				0				0	.9	.3	.0	4318	2.8	.9	.1	7850

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.0	.3		7774	2.3	.2		6520				0				0
CATEGORY B	4.0	.9	.1	7774	3.3	.8	.1	6520				0				0

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.1	.2		26462	2.1	.2		26462
CATEGORY B	3.0	.8	.1	26462	3.0	.8	.1	26462

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHHH	HH
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	HHHHHHHHH	HH
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 58 - AUG 73

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1958									82	99	241	240	662
1959	281	356	221	239	318	280	165	126	150	85	126	250	2597
1960	418	326	306	301	328	200	199	231	181	224	347	447	3508
1961	314	324	399	315	344	231	186	133	166	224	360	423	3419
1962	411	420	463	330	331	249	249	173	216	177	257	291	3567
1963	380	180	376	345	277	230	207	131	62	94	209	273	2764
1964	415	406	472	387	403	277	237	188	185	203	366	405	3944
1965	392	409	406	333	381	280	229	151	162	136	253	460	3592
1966	****	434	365	276	279	200	215	149	134	127	228	362	2769
1967	353	321	416	445	291	292	162	110	65	123	184	487	3249
1968	455	284	314	317	284	220	168	134	124	156	235	440	3131
1969	371	389	395	331	294	150	144	168	118	146	213	360	3079
1970	376	335	388	396	278	283	225	208	170	191	246	413	3509
1971	394	353	382	363	345	286	211	69	94	260	329	471	3557
1972	423	334	305	325	294	175	133	145	127	161	305	441	3168
1973	474	290	424	353	290	188	218	194					2431
MEAN	389	344	375	337	315	236	196	154	135	160	259	384	
SD	51.08	64.94	65.78	49.56	39.11	46.21	35.14	41.05	45.91	52.26	68.87	83.59	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 723930

STATION NAME: VANDENBERG AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: SEP 58 - AUG 73

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1958									51	6	4	15	76
1959			1	11			12	13	1	43	26	6	113
1960				10		1	4		4	13			32
1961				2				2	13	39			56
1962								12				3	15
1963		5						1	26	7	11	5	55
1964				5				1	8	33			47
1965								5	6	68			79
1966	****			12		2			12	35	13		74
1967					8		1	1	22	27	3		62
1968				5				5	30	10	4		54
1969										12	1		13
1970					15				58	4	1		78
1971	14	2						6	20	25			67
1972			1				4	4	7	9			25
1973					1	20							21
MEAN	1	0	0	3	1	1	1	3	17	22	4	1	
SD	3.74	1.36	.35	4.50	4.24	5.14	3.25	4.27	17.86	18.81	7.29	4.13	

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	08 - 08	18.0	25.1	26.9	36.1	52.6	68.2	76.4	80.1	57.3	41.4	21.4	12.4	43.0	10
	09 - 11	13.0	17.6	18.5	21.3	35.2	47.6	49.2	56.0	37.8	28.2	13.9	11.3	29.1	10
	12 - 14	10.6	13.6	14.4	16.3	28.1	33.2	27.5	22.2	21.8	20.6	11.7	9.5	19.1	10
	15 - 17	12.2	14.4	18.4	18.7	29.4	39.0	36.2	28.4	31.7	27.6	15.5	11.4	23.6	10
	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
ALL	12.7	16.4	18.4	21.5	35.3	45.7	45.5	45.2	35.6	28.3	14.7	10.9	27.7	10	
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	08 - 08	8.5	17.6	18.6	28.4	45.4	60.4	73.1	75.8	49.1	35.2	17.1	9.0	36.5	10
	09 - 11	6.0	9.1	10.5	15.2	27.4	40.1	45.4	48.1	31.5	21.3	9.6	8.6	22.7	10
	12 - 14	3.7	7.2	7.4	10.4	21.9	26.1	24.1	18.7	17.9	15.1	8.2	4.4	13.8	10
	15 - 17	4.6	8.2	13.6	13.2	24.5	31.0	33.0	26.7	28.6	24.4	12.1	7.8	19.0	10
	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	5.3	9.3	11.5	15.3	28.8	38.1	42.0	40.6	30.3	22.7	10.8	7.2	22.0	10
CIG LT 1000 FT AND/OR VSBY	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	08 - 08	7.4	13.3	14.8	25.5	37.2	51.8	69.0	70.8	45.5	31.5	14.8	8.6	32.5	10
	09 - 11	4.7	6.8	7.6	10.8	21.0	28.1	36.4	39.1	26.4	17.1	7.4	6.1	17.6	10
	12 - 14	2.5	5.4	4.5	8.4	14.4	12.5	15.8	9.1	13.0	9.2	5.8	2.0	8.5	10
	15 - 17	2.2	5.5	9.9	8.6	17.0	16.9	23.8	17.7	21.2	18.0	9.2	5.4	12.9	10
	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	3.7	6.8	8.2	11.8	21.4	25.9	34.2	32.2	25.1	17.6	8.4	5.0	16.8	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	08 - 08	1.5	5.9	5.2	9.5	11.1	12.4	22.9	24.9	19.8	11.1	4.7	3.4	11.0	10
	09 - 11	1.1	1.5	.9	1.5	2.5	1.6	1.1	1.4	2.9	1.9	1.7	.8	1.6	10
	12 - 14	.2	.5	.3	.2	.2	.0	.0	.1	.5	.6	.2	.0	.2	10
	15 - 17	.3	.8	1.6	.5	.0	.0	.4	.0	.2	1.5	1.0	.0	.5	10
	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	.6	1.5	1.5	2.1	2.9	2.9	4.9	5.4	4.9	5.1	1.4	.6	2.7	10
HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:															
HR 11	JUL	AUG	SEP	ANN											
60RM	0/0	0/0	0/0	0/0											
120RM	0/0	0/0	0/0	0/0											
240RM	0/0	0/2	0/0	0/2											
REMARKS: a. SUMMARY OF THE DAY (SOD) 24-HR PRECIP DATA WERE SUPPLEMENTED FROM:															
CLIMATOGRAPHY OF THE UNITED STATES (NO. 20) FOR LUMPOC CA, POR: JAN 51 - DEC 80.															
NOTE 1: MAX 24-HR PRECIP FOR FEB ADJUSTED FROM 5.14 (SOCS - FEB 83) TO 2.95 (SOCS - FEB 63). MAX 24-HR PRECIP FOR MAY ADJUSTED FROM 2.15 (SOCS - MAY 77) TO 1.35 (AVERAGE OF ESTIMATED KVBG AMOUNT AND LUMPOC AMOUNT FOR 8 MAY 77). ORIGINAL AMOUNTS FOR BOTH MONTHS BASED ON 2 OR 3 DAY CUMULATIVE PRECIP AMOUNTS.															
NOTE 2: MEAN JAN SNOWFALL OF .1 INCHES BASED ON ONE MEASURABLE SNOWFALL EVENT OF 1.6 INCHES (21-22 JAN 62).															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	08 - 08	18.0	25.1	26.9	36.1	52.6	68.2	76.4	80.1	57.5	41.4	21.4	12.4	43.0	10
	09 - 11	13.0	17.6	18.5	21.3	35.2	47.6	49.2	56.0	37.8	28.2	13.9	11.3	29.1	10
	12 - 14	10.6	13.6	14.4	16.3	28.1	33.2	27.5	22.2	21.8	20.6	11.7	9.5	19.1	10
	15 - 17	12.2	14.4	18.4	18.7	29.4	39.0	36.2	28.4	31.7	27.6	15.5	11.4	23.6	10
	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
ALL		12.7	16.4	18.4	21.5	35.3	45.7	45.5	45.2	35.6	28.3	14.7	10.9	27.7	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	08 - 08	8.5	17.6	18.6	28.4	45.4	60.4	73.1	75.8	49.1	35.2	17.1	9.0	36.5	10
	09 - 11	6.0	9.1	10.5	15.2	27.4	40.1	45.4	48.1	31.5	21.3	9.6	8.6	22.7	10
	12 - 14	3.7	7.2	7.4	10.4	21.9	26.1	24.1	18.7	17.9	15.1	8.2	4.4	13.8	10
	15 - 17	4.6	8.2	13.6	13.2	24.5	31.0	33.0	26.7	28.6	24.4	12.1	7.8	19.0	10
	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	5.3	9.3	11.5	15.3	28.8	38.1	42.0	40.6	30.3	22.7	10.8	7.2	22.0	10
CIG LT 1000 FT AND/OR VSBY	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	08 - 08	7.4	13.3	14.8	25.5	37.2	51.8	69.0	70.8	45.5	31.5	14.8	8.6	32.5	10
	09 - 11	4.7	6.8	7.6	10.8	21.0	28.1	36.4	39.1	26.4	17.1	7.4	5.1	17.6	10
	12 - 14	2.5	5.4	4.5	8.4	14.4	12.5	15.8	9.1	13.0	9.2	5.8	2.0	8.5	10
	15 - 17	2.2	5.5	9.9	8.6	17.0	16.9	23.8	17.7	21.2	18.0	9.2	5.4	12.9	10
	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	3.7	6.8	8.2	11.8	21.4	25.9	34.2	32.2	25.1	17.6	8.4	5.0	16.8	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	08 - 08	1.5	5.9	5.2	9.5	11.1	12.4	22.9	24.9	19.8	11.1	4.7	3.4	11.0	10
	09 - 11	1.1	1.5	.9	1.5	2.3	1.6	1.1	1.4	2.9	1.9	1.7	.8	1.6	10
	12 - 14	.2	.3	.3	.2	.2	.0	.0	.1	.5	.6	.2	.1	.2	10
	15 - 17	.3	.8	1.6	.5	.0	.0	.4	.0	.2	1.5	1.0	.1	.5	10
	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	.6	1.5	1.5	2.1	2.9	2.9	4.9	5.4	4.9	3.1	1.4	.6	2.7	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:

HR/TS	JUL	AUG	SEP	ANN
00NM	0/0	0/0	0/0	0/0
120NM	0/0	0/0	0/0	0/0
240NM	0/0	0/2	0/0	0/2

REMARKS : SUMMARY OF THE DAY (SOD) 24-HR PRECIP DATA WERE SUPPLEMENTED FROM:

CLIMATOGRAPHY OF THE UNITED STATES (NO. 20) FOR LUMPOC (A, POR: JAN 51 - DEC 80).

NOTE 1: MAX 24-HR PRECIP FOR FEB ADJUSTED FROM 5.14 (SOCS - FEB 83) TO 2.05 (SOCS - FEB 63).
MAX 24-HR PRECIP FOR MAY ADJUSTED FROM 2.15 (SOCS - MAY 77) TO 1.35 (AVERAGE OF ESTIMATED KVBG AMOUNT AND LUMPOC AMOUNT FOR 8 MAY 77). ORIGINAL AMOUNTS FOR BOTH MONTHS BASED ON 2 OR 3 DAY CUMULATIVE PRECIP AMOUNTS.

NOTE 2: MEAN JAN SNOWFALL OF .1 INCHES BASED ON ONE MEASURABLE SNOWFALL EVENT OF 1.6 INCHES (21-22 JAN 62).

CBZ

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SUPPLEMENTARY

INFORMATION

ERRATA

ERRATA-AUGUST 1991

USAFETAC/DS-90/202

SURFACE OBSERVATION CLIMATIC SUMMARIES
for
VANDENBERG AFB, CA

Remove pages CB-1 and CB-2 and replace with new pages CB-1 and
CB-2, attached.

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ADA 228540

01 3 16 037

91-10701



A W S	STATION NAME: VANDENBERG AFB CA												FIELD ELEV: 367 FT			
	LATITUDE/LONGITUDE: 34 44 N 120 35 W												STATION MNC: 723°30			
CLIMATIC BRIEF	HOURLY OBS POR: SEP 79 - AUG 89												CALL SIGN: KVBG			
(LIMITED)	SUMMARY OF DAY POR: 5110-5212, 5804-7308 (FULL TIME), 7309-8908 (PART TIME)															
	HOURS SUMMARIZED: 00-23 LST (5110-5212, 5804-7308), 08-17 LST (7309-8908)															
FEB 90	LST TO UTC: +08												SUPERSEDES: AUG 85			
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	83	83	87	97	93	98	95	96	100	99	87	87	100	33		
MEAN MAX TEMP (F)	61	61	60	61	61	64	65	66	68	68	65	62	64	33		
MEAN TEMP (F)	53	54	54	55	56	58	60	61	62	61	57	54	57	33		
MEAN MIN TEMP (F)	45	46	47	49	50	53	54	55	55	52	49	45	50	33		
EXTRM MIN TEMP (F)	25	31	31	36	37	41	45	45	41	35	32	26	25	33		
D/W TEMP GE 90 (F)	0	0	0	1	#	1	#	#	1	1	0	0	4	33		
D/W TEMP GE 80 (F)	1	#	1	1	1	1	1	1	2	2	1	1	13	33		
D/W TEMP LT 40 (F)	7	3	3	1	1	0	0	0	0	1	2	6	24	33		
D/W TEMP LT 33 (F)	1	#	#	0	0	0	0	0	0	0	#	1	2	33		
HEATING DEGREE DAYS	389	344	375	337	315	236	196	154	135	160	259	384	3284	16		
COOLING DEGREE DAYS	1	#	#	3	1	1	1	3	17	22	4	1	54	16		
MEAN DEWPOINT TEMP (F)	43	44	47	47	49	52	54	55	56	51	46	43	49	10		
MEAN WET BULB TEMP (F)	50	51	52	53	53	56	58	59	60	56	53	50	54	10		
99.95% WCPA (FT)	600	700	700	600	550	550	550	550	600	550	600	650	650	10		
MEAN REL HUM 07 LST(%)	70.2	74.1	78.2	74.5	78.3	80.2	84.0	85.0	82.7	75.9	70.5	68.5	77.9	10		
MEAN REL HUM 13 LST(%)	56.3	58.9	65.4	62.7	67.1	67.8	69.5	68.7	67.1	61.8	57.1	56.1	63.3	10		
0 MAX 24HR PRECIP (IN)	2.47	2.05	3.22	1.75	1.35	.18	.09	.87	1.72	1.49	2.50	4.25	4.25	39		
MAX PRECIP (IN)	9.30	9.21	7.02	4.61	2.67	.32	.14	1.04	2.28	2.55	6.26	5.50	28.40	31		
MEAN PRECIP (IN)	2.53	2.41	2.20	1.12	.17	.05	.02	.04	.15	.67	2.04	2.03	13.35	31		
MIN PRECIP (IN)	.21	.08	#	.01	#	#	#	#	.00	#	.00	.16	4.72	31		
D/W PRECIP GE .01 (IN)	8	8	8	6	3	2	1	2	3	3	6	7	57	31		
D/W PRECIP GT .50 (IN)	2	2	2	1	#	0	0	#	#	1	1	1	10	31		
MAX 24HR SNFL (IN)	.9	0	0	#	0	0	0	0	0	0	#	#	.9	31		
MAX SNFL (IN)	1.6	0	0	#	0	0	0	0	0	0	#	#	1.6	31		
MEAN SNFL (IN)	.1	0	0	0	0	0	0	0	0	0	0	0	.1	31		
D/W SNFL GE .1 (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	31		
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	31		
MAX DLY SNO DEPTH (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	31		
PRVING WND DIR (DEG)	32-34	32-34	32-34	32-34	29-31	29-31	29-31	29-31	29-31	29-31	32-34	32-34	29-31	10		
MEAN WND SPD (KTS)	7	8	9	9	10	9	7	6	7	7	7	7	8	10		
MAX WND SPD (KTS)	48	54	42	40	37	36	37	37	33	36	52	44	54	26		
SKY COVER GT 5/10 (%)	48.0	55.6	49.0	48.5	52.0	54.1	53.0	51.1	49.0	46.9	46.0	47.9	50.2	10		
D/W THUNDERSTORMS	1	1	1	#	#	1	1	1	1	#	1	#	8	31		
D/W FOG (VSBY LT 7 MI)	9	11	12	13	18	21	27	27	21	17	12	10	198	31		
LEGEND: ANN = ANNUAL																
D/W = MEAN NUMBER OF DAYS WITH																
# = BASED ON LESS THAN FULL MONTHS																
** = INSTANTANEOUS PEAK WINDS																
* = DATA NOT AVAILABLE																
POR/YOR = PERIOD/YEARS OF RECORD																
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE																
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE																
% = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN																
WIND DIRECTION																

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	08 - 08	18.0	25.1	26.9	36.1	52.6	68.2	76.4	80.1	57.3	41.4	21.4	12.4	43.0	10
LT 3000 FT	09 - 11	13.0	17.6	18.5	21.3	35.2	47.6	49.2	56.0	37.8	28.2	13.9	11.3	29.1	10
AND/OR	12 - 14	10.6	13.6	14.4	16.3	28.1	33.2	27.5	22.2	21.8	20.6	11.7	9.5	19.1	10
VSBY	15 - 17	12.2	14.4	18.4	18.7	29.4	39.0	36.2	28.4	31.7	27.6	15.5	11.4	23.6	10
LT 3 MI	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	12.7	16.4	18.4	21.5	35.3	45.7	45.5	45.2	35.6	28.3	14.7	10.9	27.7	10

	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	08 - 08	8.5	17.6	18.6	28.4	45.4	60.4	73.1	75.8	49.1	35.2	17.1	9.0	36.5	10
LT 1500 FT	09 - 11	6.0	9.1	10.5	15.2	27.4	40.1	45.4	48.1	31.5	21.3	9.6	8.6	22.7	10
AND/OR	12 - 14	3.7	7.2	7.4	10.4	21.9	26.1	24.1	18.7	17.9	15.1	8.2	4.4	13.8	10
VSBY	15 - 17	4.6	8.2	13.6	13.2	24.5	31.0	33.0	26.7	28.6	24.4	12.1	7.8	19.0	10
LT 3 MI	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	5.3	9.3	11.5	15.3	28.8	38.1	42.0	40.6	30.3	22.7	10.8	7.2	22.0	10

	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	08 - 08	7.4	13.3	14.8	25.5	37.2	51.8	69.0	70.8	45.5	31.5	14.8	8.6	32.5	10
LT 1000 FT	09 - 11	4.7	6.8	7.6	10.8	21.0	28.1	36.4	39.1	26.4	17.1	7.4	6.1	17.6	10
AND/OR	12 - 14	2.5	5.4	4.5	8.4	14.4	12.5	15.8	9.1	13.0	9.2	5.8	2.0	8.5	10
VSBY	15 - 17	2.2	5.5	9.9	8.6	17.0	16.9	23.8	17.7	21.2	18.0	9.2	5.4	12.9	10
	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	3.7	6.8	8.2	11.8	21.4	25.9	34.2	32.2	25.1	17.6	8.4	5.0	16.8	10

	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG	08 - 08	1.5	5.9	5.2	9.5	11.1	12.4	22.9	24.9	19.8	11.1	4.7	3.4	11.0	10
LT 200 FT	09 - 11	1.1	1.5	.9	1.5	2.3	1.6	1.1	1.4	2.9	1.9	1.7	.8	1.6	10
AND/OR	12 - 14	.2	.3	.3	.2	.2	.0	.0	.1	.5	.6	.2	.0	.2	10
VSBY	15 - 17	.3	.8	1.6	.5	.0	.0	.4	.0	.2	1.5	1.0	.0	.5	10
LT 1/2 MI	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	.6	1.5	1.5	2.1	2.9	2.9	4.9	5.4	4.9	3.1	1.4	.6	2.7	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:

HR/TS	JUL	AUG	SEP	ANN
60NM	0/0	0/0	0/0	0/0
120NM	0/0	0/0	0/0	0/0
240NM	0/0	0/2	0/0	0/2

REMARKS : @ SUMMARY OF THE DAY (SOD) 24-HR PRECIP DATA WERE SUPPLEMENTED FROM:

CLIMATOGRAPHY OF THE UNITED STATES (NO. 20) FOR LOMPOC CA, FOR: JAN 51 - DEC 80.

NOTE 1: MAX 24-HR PRECIP FOR FEB ADJUSTED FROM 3.14 (SOCS - FEB 83) TO 2.05 (SOCS - FEB 63).

MAX 24-HR PRECIP FOR MAY ADJUSTED FROM 2.15 (SOCS - MAY 77) TO 1.35 (AVERAGE OF ESTIMATED KVBO AMOUNT AND LOMPOC AMOUNT FOR 6 MAY 77). ORIGINAL AMOUNTS FOR BOTH MONTHS BASED ON 2 OR 3 DAY CUMULATIVE PRECIP AMOUNTS.

NOTE 2: MEAN JAN SNOWFALL OF .1 INCHES BASED ON ONE MEASURABLE SNOWFALL EVENT OF 1.6 INCHES (21-22 JAN 62).

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